

Faculty of Arts and Sciences

Course Catalog Preview

TABLE OF CONTENTS

African and African American Studies.....	5
African & African Amer Studies.....	5
Lingala.....	24
Twi.....	25
Igbo.....	27
Wolofal.....	29
Swahili.....	30
Jamaican.....	32
Oromo.....	33
Egyptarb.....	35
Haitian.....	37
Wolof.....	39
Yoruba.....	41
Geez.....	43
Kinyarwanda.....	44
Kimeru.....	45
Afrikaans.....	46
Amharic.....	47
Tigrinya.....	49
Zulu.....	51
Gullah.....	53
Hausa.....	54
American Studies.....	54
American Studies.....	54
Anthropology.....	57
Anthropology.....	57
Applied Computation.....	90
Applied Computation.....	90
Applied Mathematics.....	94
Applied Mathematics.....	94
Applied Physics.....	108
Applied Physics.....	108
Architecture, Landscape Arch, and Urban Planning.....	127
Design.....	128
Art, Film, and Visual Studies.....	132
Art, Film, and Visual Studies.....	132
Astronomy.....	153
Astronomy.....	153
Biological Sciences in Dental Medicine.....	166
Bio Sciences in Dental Med.....	166
Biological Sciences in Public Health.....	166
Biological Sci in Public Hlth.....	166
Biomedical Engineering.....	182
Biomedical Engineering.....	182
Biophysics.....	184
Biophysics.....	184
Biostatistics.....	203
Biostatistics.....	203
Celtic Languages and Literatures.....	214
Celtic.....	214
Irish.....	221
Welsh.....	223
Scottish Gaelic.....	224
Chemical and Physical Biology.....	224
Chemical and Physical Biology.....	224
Chemical Biology.....	226
Chemical Biology.....	226
Chemistry and Chemical Biology.....	243
Chemistry.....	243
Physical Sciences.....	261
Life & Physical Sciences.....	262
Classics, The.....	262
Modern Greek.....	262
Classical Philology.....	265

Greek.....	266
Classical Archaeology.....	270
Latin.....	272
Classical Studies.....	277
Modern Greek Studies.....	281
Medieval Latin.....	282
Classics.....	283
Ancient Studies.....	291
Comparative Literature.....	291
Comparative Literature.....	291
Translation Studies.....	311
Computer Science.....	311
Computer Science.....	311
Earth and Planetary Sciences.....	357
Earth & Planetary Sciences.....	357
East Asian Languages and Civilizations.....	382
Vietnamese.....	382
Chinese History.....	387
Manchu.....	390
Chinese Literature.....	391
Chinese.....	394
E Asian Film & Media Studies.....	411
East Asian Studies.....	414
Korean Literature.....	422
Chaghatay.....	423
Japanese Literature.....	424
Korean History.....	425
Korean.....	426
East Asian Buddhist Studies.....	433
Japanese.....	434
Japanese History.....	443
Uyghur.....	444
Mongolian.....	445
Economics.....	445
Economics.....	445
Education Studies.....	488
Education Studies.....	488
Engineering Sciences.....	491
Engineering Sciences.....	491
English.....	544
English.....	544
Environmental Science and Public Policy.....	600
Environmental Sci & Public Pol.....	600
Environmental Science and Engineering.....	604
Environ Science & Engineering.....	604
Ethnicity, Migration, Rights.....	609
Ethnicity, Migration, Rights.....	609
Expository Writing.....	612
Expository Writing.....	612
Faculty of Arts and Sciences.....	658
Environment, Climate, and Sust.....	658
Education.....	659
Experiential Study.....	660
First Year Seminar Program.....	679
First Year Seminar.....	679
Folklore and Mythology.....	734
Folklore & Mythology.....	734
General Education.....	739
General Education.....	739
Germanic Languages and Literatures.....	767
Scandinavian.....	767
German.....	776
Swedish.....	791
Germanic Philology.....	793
Global Health and Health Policy.....	793
Global Health & Health Policy.....	793
Government.....	795
Government.....	795
Health Policy.....	836
Health Policy.....	836
History.....	841
History.....	841

History and Literature.....	879
History & Literature.....	879
History of Art and Architecture.....	886
History of Art & Architecture.....	887
History of Science.....	924
History of Science.....	924
Human Biology, Behavior, and Evolution.....	957
Human Evolutionary Biology.....	957
Humanities.....	984
Humanities.....	984
Inner Asian and Altaic Studies.....	987
Inner Asian and Altaic Studies.....	987
Linguistics.....	987
Linguistics.....	987
Mathematics.....	1006
Mathematics.....	1006
Medical Sciences.....	1034
Human Bio & Translational Med.....	1034
Biomedical Informatics.....	1045
Virology.....	1053
Neurobiology - Graduate.....	1063
Immunology.....	1095
Biolog Chem & Molecular Pharm.....	1120
Microbiology.....	1134
Cell Biology.....	1144
Speech & Hearing Sciences.....	1157
Developmental & Regen Biology.....	1164
Genetics.....	1169
Biological & Biomedical Sci.....	1187
Medical Sciences.....	1197
Medieval Studies.....	1198
Medieval Studies.....	1199
Mind, Brain, and Behavior.....	1200
Mind, Brain & Behavior.....	1200
Molecular and Cellular Biology.....	1205
Molecular & Cellular Biology.....	1205
Life Sciences.....	1226
Music.....	1228
Music.....	1228
Near Eastern Languages and Civilizations.....	1257
Arabic.....	1257
Persian.....	1268
Near Eastern Civilizations.....	1270
Modern Middle East.....	1275
Classical Hebrew.....	1277
Yiddish.....	1280
Albanian Language.....	1283
Jewish Studies.....	1284
Sumerian.....	1287
Modern Hebrew.....	1289
Kurdish.....	1291
Hebrew.....	1292
Egyptian.....	1293
Islamic Civilizations.....	1295
Armenian.....	1297
Ancient Near East.....	1298
Akkadian.....	1300
Turkish.....	1302
Armenian Studies.....	1305
Neuroscience.....	1305
Neuroscience - Undergraduate.....	1305
No Department.....	1312
Independent Study.....	1312
Graduate Research.....	1321
Organismic and Evolutionary Biology.....	1321
Organismic & Evolutionary Biol.....	1321
Life Sciences.....	1337
Philosophy.....	1337
Philosophy.....	1337
Physics.....	1368
Physics.....	1368
Physical Sciences.....	1421

Political Economy and Government.....	1423
Political Economy & Government.....	1423
Population Health Sciences.....	1423
Population Health Sciences.....	1423
Psychology.....	1424
Psychology.....	1424
Public Policy.....	1478
Public Policy.....	1478
Quantum Science & Engineering.....	1478
Quantum Sci and Engineering.....	1478
Regional Studies - East Asia.....	1485
Regional Studies - East Asia.....	1485
Religion, The Study of.....	1495
Religion.....	1495
Romance Languages and Literatures.....	1531
Spanish.....	1531
French.....	1566
Portuguese.....	1584
Italian.....	1595
Romance Studies.....	1607
Romance Languages.....	1610
Russia, Eastern Europe, and Central Asia.....	1611
Russia, E Europe & Cntrl Asia.....	1611
Slavic Languages and Literatures.....	1612
Slavic.....	1612
Georgian.....	1624
Russian.....	1628
Czech.....	1640
Ukrainian.....	1644
Bosnian, Croatian & Serbian.....	1648
Polish.....	1652
Social Policy.....	1656
Social Policy.....	1656
Social Studies.....	1656
Social Studies.....	1656
Sociology.....	1665
Sociology.....	1665
South Asian Studies.....	1698
South Asian Studies.....	1698
Tibetan.....	1706
Sanskrit.....	1711
Hindi-Urdu.....	1715
Bahasa Indonesia.....	1718
Tamil.....	1720
Thai.....	1722
Filipino Tagalog.....	1725
Special Concentrations.....	1726
Special Concentrations.....	1726
Statistics.....	1729
Statistics.....	1729
Stem Cell and Regenerative Biology.....	1741
Stem Cell & Regenerative Biol.....	1741
Systems Biology.....	1752
Systems Biology.....	1752
The Lemann Program on Creativity and Entrepreneurs.....	1767
Creativity and Entrepreneurshi.....	1767
Theater, Dance, and Media.....	1768
Theater, Dance & Media.....	1768
Ukrainian Studies.....	1786
Ukrainian Studies.....	1786
Women, Gender, and Sexuality, Studies of.....	1786
Women, Gender & Sexuality.....	1786

African and African American Studies

African & African Amer Studies

AFRAMER 10

Introduction to African American Studies

Course ID: 122910
2026 Spring (4 Credits)

No meeting time listed

Jesse McCarthy

This course aims to provide an interdisciplinary examination of the complex array of African-American cultural and political practices from slavery to the present. The course will involve close readings of a variety of primary sources and classic texts that present key issues in African American thought and practice. The course will place special emphasis on debates concerning African American people with the goal of introducing students to the process and the methodology of interdisciplinarity. We will look at the way the debates function across disciplines to delve deeper into not only the complexity of African American life and thought but also the breadth of African American Studies itself.

Course Note: Required of concentrators in the African American Studies track. Students who transfer into the concentration after their sophomore year may substitute another African and African American Studies course already taken if the course addresses the materials covered in African and African American Studies 10, and the petition is approved by the Director of Undergraduate Studies.

FAS Divisional Distribution: Social Sciences

AFRAMER 11

Introduction to African Studies

Course ID: 123591
2026 Spring (4 Credits)

No meeting time listed

Daniel Agbiboa

This course introduces students to the rich diversity and complexity of Africa, including its historical dynamics, economic developments, social and political practices, and popular cultures. Throughout, we assume that Africa is not a unique isolate but a continent bubbling with internal diversity, historical change, entrepreneurial spirit, and cultural links beyond its shores. Our goal is to train students to think rigorously about Africa from interdisciplinary and transnational perspectives. We also aim to equip students with the analytical tools necessary for recognizing and deconstructing reductionist and stereotyped narratives of Africa. The course is open to all students who are interested in exploring various dimensions of African life, politics, peoples and cultures from the past to the postcolony.

Course Note: Required of concentrators in African Studies track.

FAS Divisional Distribution: Social Sciences

AFRAMER 66

History of Sport in Africa

Course ID: 226220
2026 Spring (4 Credits)

MW 0130 PM - 0245 PM

David Glovsky

This course studies African histories of politics, culture, economics, colonialism, decolonization, and more through the histories of sports. Sports and games of various kinds have played a key role in African societies for many centuries, and this course will begin with those earlier histories before looking at the role of Africa and Africans in modern sports history, a period that began in the late 19th century around the development of the Olympic games and professional leagues globally. European empires in Africa sought to impose their ideas of "civilization" and "modernity" on Africans through organized athletics, and yet Africans themselves - both during and after the period of European rule - used athletics for their own purposes. Notable athletes played a key role in both combating and supporting colonialism, and in establishing national identities following independence. In recent decades, Africans have starred globally at the Olympic Games, the World Cup, and many other global athletic competitions. And increasingly, individuals from more recent African diasporas have starred for countries around the globe, raising important questions about belonging, diaspora, and nationalism. This course will provide an introduction to these questions and more, through understanding the social, political, cultural, and economic history of sports in Africa.

FAS Divisional Distribution: Social Sciences

AFRAMER 86

Race and Public Health Crises: From TB to AIDS to COVID-19

TR 1200 PM - 0115 PM

george aumoithe

This course explores the complex interplay between race and public health crises, from tuberculosis to AIDS and COVID-19. Students will examine the visual culture of epidemics, critically analyze systems of racial classification, and study the work of influential sociologists, political scientists and historians of medicine and public health. The course challenges students to question the racial epistemology underlying epidemiological research and practice, fostering a deeper understanding of how race has shaped and has been shaped by public health responses from the 19th century to the present. By engaging with diverse materials and perspectives, students will develop critical tools to analyze racial health disparities and their societal implications, both in historical contexts and amid contemporary health challenges.

FAS Divisional Distribution: Social Sciences

AFRAMER 86

Race and Public Health Crises: From TB to AIDS to COVID-19

Course ID: 222126
2025 Fall (4 Credits)

This course explores the complex interplay between race and public health crises, from tuberculosis to AIDS and COVID-19. Students will examine the visual culture of epidemics, critically analyze systems of racial classification, and study the work of influential sociologists, political scientists and historians of medicine and public health. The course challenges students to question the racial epistemology underlying epidemiological research and practice, fostering a deeper understanding of how race has shaped and has been shaped by public health responses from the 19th century to the present. By engaging with diverse materials and perspectives, students will develop critical tools to analyze racial health disparities and their societal implications, both in historical contexts and amid contemporary health challenges.

FAS Divisional Distribution: Social Sciences

AFRAMER 91R

Supervised Reading and Research

No meeting time listed

Vincent Brown

Students wishing to enroll must petition the Director of Undergraduate Studies for approval, stating the proposed project, and must have permission of the proposed instructor. Ordinarily, students are required to have taken some coursework as background for their project.

FAS Divisional Distribution: Social Sciences

AFRAMER 91R

Supervised Reading and Research

No meeting time listed

Jesse McCarthy

Course ID: 110605
2025 Fall (4 Credits)

Instructor Permission Required

Students wishing to enroll must petition the Director of Undergraduate Studies for approval, stating the proposed project, and must have permission of the proposed instructor. Ordinarily, students are required to have taken some coursework as background for their project.

FAS Divisional Distribution: Social Sciences

AFRAMER 97

Sophomore Tutorial: Understanding Race and Racism

R 1245 PM - 0245 PM

Carla Martin

Course ID: 123590
2026 Spring (4 Credits)
Instructor Permission Required

This course will examine the history of race and racism – key analytical constructs that express fundamental issues not only of power and inequality, but also of justice, democracy, equity, and emancipation. The study of race in the social sciences and humanities is an established, dynamic, multidisciplinary, and international field. To understand race and racism with a global perspective, it is necessary to have a transdisciplinary, cross-cultural view to read critically the phenomena that intersect with this variable. Course readings are drawn from the fields of African and African American Studies, sociology, history, cultural studies, political science, anthropology, philosophy, journalism, and public health. The vast literature produced by scholars in diverse fields provides evidence of how race is based on narratives created to enslave, subordinate, exploit, and exclude millions of human beings across the globe. Assignments will address pressing real-world questions related to race and racism, as well as pedagogically significant areas of undergraduate intellectual and academic development.

Course Note: Required for concentrators in African and African American Studies. Open to all undergraduates.

FAS Divisional Distribution: Social Sciences

AFRAMER 98

Course ID: 118023

Junior Tutorial - African American Studies

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Suzanne Blier

Students wishing to enroll must petition the Director of Undergraduate Studies for approval, stating the proposed project, and must have the permission of the proposed instructor. Ordinarily, students are required to have taken some coursework as background for their project.

Completion of African and African American Studies 10, or a substitute course approved by the Director of Undergraduate Studies.

FAS Divisional Distribution: Social Sciences

AFRAMER 98

Course ID: 118023

Junior Tutorial - African American Studies

2026 Spring (4 Credits)

No meeting time listed

Vincent Brown

Students wishing to enroll must petition the Director of Undergraduate Studies for approval, stating the proposed project, and must have the permission of the proposed instructor. Ordinarily, students are required to have taken some coursework as background for their project.

Completion of African and African American Studies 10, or a substitute course approved by the Director of Undergraduate Studies.

FAS Divisional Distribution: Social Sciences

AFRAMER 98A

Course ID: 119818

Junior Tutorial - African Studies

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Jesse McCarthy

Students wishing to enroll must petition the Director of Undergraduate Studies for approval, stating the proposed project, and must have the permission of the proposed instructor. Ordinarily, students are required to have taken some coursework as background for their project.

Completion of African and African American Studies 11, or a substitute course approved by the Director of Undergraduate Studies.

FAS Divisional Distribution: Social Sciences

AFRAMER 98A

Course ID: 119818

Junior Tutorial - African Studies

2026 Spring (4 Credits)

No meeting time listed

Vincent Brown

Students wishing to enroll must petition the Director of Undergraduate Studies for approval, stating the proposed project, and must have the permission of the proposed instructor. Ordinarily, students are required to have taken some coursework as background for their project.

Completion of African and African American Studies 11, or a substitute course approved by the Director of Undergraduate Studies.

FAS Divisional Distribution: Social Sciences

AFRAMER 99A

Senior Thesis Workshop

Course ID: 124132
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Jesse McCarthy

Thesis supervision under the direction of a member of the Department. Part one of a two part series.

Course Note: Enrollment limited to honors candidates.

Full Year Course: Divisible Course

FAS Divisional Distribution: Social Sciences

AFRAMER 99B

Senior Thesis Workshop

Course ID: 159794
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Vincent Brown, Carla Martin

Thesis supervision under the direction of a member of the Department. Part two of a two part series.

Course Note: Enrollment limited to honors candidates.

Full Year Course: Divisible Course

FAS Divisional Distribution: Social Sciences

AFRAMER 112X

Transition(s)

Course ID: 226573
2025 Fall (4 Credits)

MW 1030 AM - 1145 AM

In this introductory course, we examine and question the sameness often ascribed to African literature as a sociological and anthropological archive. We will explore stories of mobility, movement, and exchange, drawing from the archives of *Transition*, a magazine founded in 1961 in Kampala, Uganda, and now housed at Harvard. *Transition* fostered some of the most engaging intellectual debates of its time, introducing a critical idiom that shaped a generation's postcolonial and postnational critiques. Many of its contributors were young, ambitious thinkers who used the magazine to express and refine their ideas (e.g., Bessie Head, Ngugi waThiong'o, Wole Soyinka). Through *Transition*, and with the understanding that 'the archive is a very important place to go' (Simon Gikandi), students will learn to engage with primary sources, critically analyze historical and literary materials, and examine the evolution of African literature. The course emphasizes close reading, archival research, and contextual analysis, equipping students with the tools to understand how African literature has been formed and how it continues to evolve. By exploring the transitions, transformations, and translocations in African literature, we will experience genre formation and establish key foundations: Where did African literature come from? How, when, and why did the idea of literature in the modern sense emerge in Africa? What is the utility of a term like 'African literature' and the idea of a field of African literary studies

FAS Divisional Distribution: Social Sciences

AFRAMER 119X

Chocolate, Culture, and the Politics of Food

Course ID: 108879
2026 Spring (4 Credits)

Carla Martin

This course will examine the sociohistorical legacy of chocolate, with a delicious emphasis on the eating and appreciation of the so-called "food of the gods." Interdisciplinary course readings will introduce the history of cacao cultivation, the present day state of the global chocolate industry, the diverse cultural constructions surrounding chocolate, and the implications for chocolate's future of scientific study, international politics, alternative trade models, and the food movement. Assignments will address pressing real world questions related to chocolate consumption, social justice, responsible development, honesty and the politics of representation in production and marketing, hierarchies of quality, and myths of purity.

FAS Divisional Distribution: Social Sciences

AFRAMER 123Z

Course ID: 111438

American Democracy

2026 Spring (4 Credits)

T 1245 PM - 0245 PM

John Stauffer, Roberto Mangabeira Unger

Democracy, inequality, and nationalism in America. The white working class and American politics. Class and race. Identities and interests. Conditions for socially inclusive economic growth and for the deepening and dissemination of the knowledge economy. Alternative directions of institutional change, viewed in light of American history. Democratizing the market and deepening democracy. Self-reliance and solidarity. We explore and discuss the past, present, and especially the future of the American experiment among ourselves and with invited guests: thinkers, politicians, social activists, and entrepreneurs. Readings drawn from classic and contemporary writings about the United States. Extended take-home examination.

FAS Divisional Distribution: Social Sciences

AFRAMER 124

Course ID: 126728

Tobacco and Sugar, Seminar in Caribbean Counterpoints

2026 Spring (4 Credits)

T 1200 PM - 0245 PM

Doris Sommer

Cuban Counterpoint: Tobacco and Sugar (Fernando Ortiz 1940) will guide explorations of aesthetic and historical tensions throughout the Spanish Caribbean. Different crops produced different political/cultural responses. Along with musical forms, plastic arts, and politics, we concentrate on literary works including abolitionist Cecilia Valdés, *El reino de este mundo*, the Dominican Over, Puerto Rico's *La charca*, Jamaica's *Wide Saragasso Sea*, writings by Hostos, Bonó, Mintz, Klein, among others.

AFRAMER 133Y

Course ID: 224623

The Politics of Paradise: Tourism in Latin America & the Caribbean

2025 Fall (4 Credits)

T 1200 PM - 0245 PM

Instructor Permission Required

Amber Henry

What does tourism sell? How do destination images condition our perceptions of native people, public space and collective memory? This seminar explores tourism beyond its facile association with leisure to consider its implications for development, environmental protection, heritage conservation, and the commodification of history. Treating tourism as an enterprise that trades in everything from sensory fantasies to cheap cosmetic surgeries and pictures of tropical paradise, this course contemplates the role of the imaginary in the political and the political in the imaginary. Through careful analysis of travel journals, audiovisual material and first hand accounts from culture brokers and travelers alike, we'll explore the industry's colonial past in relation to Black, Indigenous and queer people's efforts to bend tourism towards a more liberatory future. While geographically situated in Latin America and the Caribbean, the course draws from comparative contexts in continental Africa and the United States to critically analyze tourism in relation to colonialism, the plantation economy, African diasporic kinship and the afterlives of slavery. Readings include classic texts such as Jamaica Kincaid's (1988) *A Small Place*, Kamala Kempadoo's *Sun, Sex and Gold* (1999) Paula Ebron's *Performing Africa* (2002), Mimi Sheller's *Consuming the Caribbean* (2003) and Saidiya Hartman's *Loose Your Mother* (2008). These works will be paired with Florence Babb's *The Tourism Encounter* (2010) Jemima Pierre's *Predicament of Blackness* (2009) Krista Thompson's *An Eye for the Tropics* (2016), and recent ethnographies such as Christen Smith's *Afro-Paradise* (2016), Megan Rivers-Moore's *Gringo Gluch* (2016) Patricia Pinho's *Mapping Diaspora* (2018), Bianca Williams's *The Pursuit of Happiness* (2018), Corinna Campbell's *The Cultural Work* (2020), and Anadelia

FAS Divisional Distribution: Social Sciences

AFRAMER 134Y

The Philosophy and Politics of Malcolm X and Martin Luther King, Jr.

W 1200 PM - 0245 PM

Brandon Terry

Course ID: 226521
2025 Fall (4 Credits)

Instructor Permission Required

This seminar for graduate students and undergraduates with backgrounds in political theory, philosophy, or African American Studies undertakes a rigorous examination of the political lives and philosophical thought of Malcolm X and Martin Luther King, Jr. Through their speeches, writings, debates, and unpublished texts, we will engage critically with their evolving visions of justice, democracy, and social transformation. We will read both figures in dialogue with their intellectual influences and critics to evaluate their views of liberalism, nationalism, civil disobedience, political violence, self-defense, internationalism, political theology, democracy, war, and economic justice among other themes. By studying these towering figures side by side, this course will illuminate fundamental questions about political ethics, racial justice, and the possibilities and limits of radical social change in the past and present.

FAS Divisional Distribution: Social Sciences

AFRAMER 135Y

Black Feminist Theory Seminar

T 0900 AM - 1145 AM

Imani Perry

Course ID: 222229
2026 Spring (4 Credits)

Instructor Permission Required

This course traces the development of Black feminist theory and thought, from 19th century thinkers such as Anna Julia Cooper, Maria Stewart, Ida B. Wells through 20th century movements including identity politics, standpoint theory, matrices of domination, intersectionality, as well as Marxian and liberation feminism. Students will be expected to develop critical fluency with the movements and concepts covered and apply them to social, cultural, and political issues.

FAS Divisional Distribution: Social Sciences

AFRAMER 143Y

African Landscape Architecture: Alternative Futures for the Field

No meeting time listed

Gareth Doherty

Course ID: 224017
2026 Spring (4 Credits)

Instructor Permission Required

A central aim of this seminar is to reveal the plurality of ways landscapes are shaped across the African continent and how they help mitigate the impacts of changing climates and social injustice now and in the future. Africa is a continent rich in landscape projects and practices but only eight out of fifty-four African nations have professional associations of landscape architects. The course is framed around three central questions: 1.) How is landscape architecture currently practiced in African countries? (2.) What lessons can we learn from landscape practices in various African societies that can help mitigate the impacts of climate change and social inequities? (3.) As landscape architecture unfolds across the continent in the next 50–200 years, how can it continue assert its agency in the fight against changing climates and social inequity and claim a central space in the shaping of African cities of the future? Each week we will focus on a different country including South Africa, Botswana, Tanzania, Rwanda, Kenya, Ethiopia, Egypt, Tunisia, Morocco, Côte d'Ivoire, Ghana, and Nigeria. In collaboration with several landscape architecture university programs across Africa and including practitioners and academics from across the continent, this seminar will explore what it means to practice and teach landscape architecture in societies in which the profession is nascent or non-existent and speculate on the future of the shaping of landscapes in the Global South.

FAS Divisional Distribution: Social Sciences

AFRAMER 146X

A Black History of Electronic Dance Music

Course ID: 222657
2025 Fall (4 Credits)

W 1200 PM - 0245 PM

george aumoithe

Electronic dance music. Mentioning the genre elicits questions over origins and boundaries. While oft forgotten, Black queer, femme, and non-binary people invented the modern-day genre's arrangement, composition, production, and distribution, undergirding distressed communities' sonic landscapes, enlivening social movements, and seeding multibillion-dollar markets. From disco to house to techno, each seminar will crisscross wide-ranging geographies including Chicago, Detroit, New York, and Manchester, United Kingdom. We will pair essential LPs, EPs, singles, and bootleg recordings with thematically linked texts in history, musicology, and theory to ask how Black electronic musicians responded to history's unfolding.

FAS Divisional Distribution: Arts and Humanities

AFRAMER 154Y

African American Fraternal Associations in U.S. Society and Politics

W 0300 PM - 0500 PM

Theda Skocpol

Course ID: 225711
2026 Spring (4 Credits)

Instructor Permission Required

Cross-class fraternal associations were long central to African American civil society. Using unique primary sources as well as secondary works, this research seminar explores the development of a range of fraternal orders that flourished from the mid-1800s through the Jim Crow and Civil Rights eras. Case studies include the largest U.S.-centered transnational associations; fraternal groups founded and led by Black women; and the small number of groups that tried to include both Blacks and whites. Special attention paid to relations of Black fraternal orders to churches, businesses, unions, the NAACP, and other civil rights endeavors.

FAS Divisional Distribution: Social Sciences

AFRAMER 166X

African Language Archives in disciplines and professions

MW 1030 AM - 1145 AM

John Mugane

Course ID: 224461
2025 Fall (4 Credits)

Instructor Permission Required

Language is a fundamental for thought and communication, playing a vital role in human achievements and societal progress. This course explores African languages as rich sources of knowledge that require collection and cataloguing using current AI technologies. By examining archives of African thought and life, students will delve into how archival information can be shared across languages. The course emphasizes the significance of African languages as instruments of thought, expressed through signs and sounds, in various domains such as constitution writing, food production, governance, religion, and environmental use/protection. Students will critically engage with the organic sociality of vernacular spaces, including church rooms, courtrooms, classrooms, hospital rooms, and entrepreneurial spaces, where African languages are linguistically accessible. Course Objectives:- Understand the role of language as an instrument of thought and communication in African societies.- Explore African languages as archives of knowledge and their importance in preserving cultural heritage.- Gain knowledge of AI technologies and their application in collecting and cataloguing African language archives.- Examine the significance of archival information sharing across different African languages.- Analyze the critical engagements that take place in vernacular spaces and their impact on African communities.- Understand the linguistic accessibility of African languages in various social contexts.

FAS Divisional Distribution: Social Sciences

AFRAMER 179X

Abolition, Then and Now

Course ID: 226604
2026 Spring (4 Credits)

The modern American prison abolition movement consciously evokes the nineteenth century movement to abolish slavery. The institutions each movement sought to end—chattel slavery and the contemporary carceral state—are also directly linked, by intersecting lineages and genealogies, and by the text of the Thirteenth Amendment, which outlawed slavery "except as a punishment for crime" and thus preserved the legality of American slavery to this day, within prisons. This course examines these linkages between institutions of coercive state power and between the movements that oppose them and seek to build different social systems, norms, and structures in their wake.

FAS Divisional Distribution: Social Sciences

AFRAMER 186

Religion, Culture, and Society in Africa

R 0300 PM - 0545 PM

Jacob Olupona

Exploring the meaning of religion and its impact on African culture and society broadly, this course will highlight both religious traditions and innovations. Instead of treating each of the religions of Africa, the triple heritage in the words of Ali Mazrui of indigenous African religions, Islam, and Christianity, as distinct and bounded entities, we will explore the hybridity, interaction, and integration between categories throughout Africa. Using case studies, a unique perspective on religious diversity on the African continent and diaspora will emerge.

FAS Divisional Distribution: Arts and Humanities

AFRAMER 191X

African American Lives in the Law

R 1245 PM - 0245 PM

Evelyn Brooks Higginbotham

This seminar focuses on biographical and autobiographical writings in a historical examination of the role of the individual in the American legal process. We will seek to understand how specific African Americans (as lawyers, judges, and litigants) made a difference-how their lives serve as a "mirror to America"-and also to understand the ways personal experience informs individual perspectives on the law and justice.

FAS Divisional Distribution: Social Sciences

AFRAMER 197

Poverty, Race, and Health

T 1245 PM - 0245 PM

David Williams

This course critically examines the health status of the poor, and of African Americans and other socially disadvantaged racial and ethnic groups in the US. Attention will be focused on the patterned ways in which the health of these groups is embedded in the social, cultural, political, and economic contexts, and arrangements of US society. Topics covered include the meaning and measurement of race, the ways in which racism affects health, the historic uses of minorities in medical research, how acculturation and migration affects health, and an examination of the specific health problems that disproportionately affect nondominant racial groups.

Requires: Course open to Undergraduate Students Only

FAS Divisional Distribution: Social Sciences

AFRAMER 201

Theory and Race in Africa

R 0345 PM - 0545 PM

Daniel Agbiboa

This course focuses on theoretical debates and frameworks in African studies from the past to the postcolony. The course strives to open up a critical, open-ended discussion that treats Africa as People, and reclaims the epistemic freedom and virtue of African people through a double-consciousness of deprovincializing Africa and provincializing Europe. The course will examine the lines of knowledge production in Africa, beyond hegemonic Eurocentric knowledge-production, with the aim of achieving what the writer Chinua Achebe calls a "balance of stories." What, for instance, does a decolonized, African-centered approach to knowledge production look like? Ultimately, the course belies entrenched and racialized notions of Africa as a residual category, the study of which adds nothing (theoretically) meaningful to world knowledge or the human condition.

AFRAMER 210

W.E.B. Du Bois and His Critics

M 1200 PM - 0245 PM

Henry Gates

Course ID: 223916

2026 Spring (4 Credits)

Instructor Permission Required

W. E. B. Du Bois was among the most profound thinkers of his time, devoting a forensic and evolving attention to the issue of race over a varied career that extended from the turn of the century to his death on the eve of the March on Washington in 1963. Although he earned his PhD from Harvard in history, he is increasingly seen as one of the pioneering scholars in the then-nascent field of sociology. In this course, we will employ a structure of text and critique to evaluate the reach and utility of his ideas, on subjects ranging from the development of racial consciousness to nuclear disarmament to the international order and the role of Africa, Africans, and African Americans in it. This course will examine Du Bois's original writings in the context of the debates they sparked and will revisit his interactions with key figures, both Black and white, of the twentieth century.

FAS Divisional Distribution: Arts and Humanities

AFRAMER 219A

Race and Ethnicity in Latin America

R 1245 PM - 0245 PM

Alejandro de la Fuente, Paulina Alberto

Course ID: 213432

2025 Fall (4 Credits)

Instructor Permission Required

This yearlong seminar introduces students to current questions and debates in the study of race and ethnicity in Latin America, from the colonial period to the present. Our seminar answers the call, issued by anthropologist Peter Wade (1997), to produce scholarship integrating the study of Africans and their descendants, along with indigenous peoples, as participants in shared processes of racial formation, nation making, and state building. Through the systematic comparison of several cases, the course discusses how ideas of race have shaped processes of nation and state formation in Latin America, shaping opportunities for mobilization and public policies; how racial identities have been formed and invoked for different cultural and political purposes; and how ideas of race and ethnicity have contributed to the stratification of Latin American societies, which are among the most unequal in the world.

FAS Divisional Distribution: Social Sciences

AFRAMER 219B

Race and Ethnicity in Latin America

No meeting time listed

Alejandro de la Fuente, Paulina Alberto

Course ID: 215791

2026 Spring (4 Credits)

Instructor Permission Required

This yearlong seminar introduces students to current questions and debates in the study of race and ethnicity in Latin America, from the colonial period to the present. Our seminar answers the call, issued by anthropologist Peter Wade (1997), to produce scholarship integrating the study of Africans and their descendants, along with indigenous peoples, as participants in shared processes of racial formation, nation making, and state building. Through the systematic comparison of several cases, the course discusses how ideas of race have shaped processes of nation and state formation in Latin America, shaping opportunities for mobilization and public policies; how racial identities have been formed and invoked for different cultural and political purposes; and how ideas of race and ethnicity have contributed to the stratification of Latin American societies, which are among the most unequal in the world.

FAS Divisional Distribution: Social Sciences

AFRAMER 221

Comparative Slavery & the Law: Africa, Latin America, & the US: Seminar

W 1245 PM - 0245 PM

Emmanuel Akyeampong, Alejandro de la Fuente

Course ID: 110499

2025 Fall (4 Credits)

This seminar surveys the booming historiographies of slavery and the law in Latin America, the United States, and Africa. Earlier generations of scholars relied heavily on European legal traditions to draw sharp contrasts

between U.S. and Latin American slavery. The most recent scholarship, however, approaches the legal history of slavery through slaves' legal initiatives and actions. These initiatives were probably informed by the Africans' legal cultures, as many of them came from societies where slavery was practiced. Our seminar puts African legal regimes (customary law, Islamic law) at the center of our explorations concerning slaves' legal actions in the Americas.

FAS Divisional Distribution: Social Sciences

AFRAMER 223

Storied Lives: Methods in Oral History

T 0300 PM - 0545 PM

Amber Henry

Course ID: 225837

2026 Spring (4 Credits)

Instructor Permission Required

How can we understand the lives of people who are excluded from the historical record? How might attention to the time and space in which words are spoken allow us to treat oral history as text, and text as oral history? This course explores storytelling as a foundational element of the human experience. It analyzes the myriad ways in which orality has been used to consolidate origin stories, document events, communicate embodied experience, and transfer ancestral knowledge. By centering methodology, students will learn to prepare, collect, analyze, and share oral histories in a variety of written, digital, and artistic forms. Topics of discussion include how to build relationships, conduct interviews around difficult topics, and use citational practices that honor nonhuman and other-than-human actors. Required readings pair classic and new oral histories with texts on the theory, practice, and ethics of storytelling. By centering works by Black, Indigenous, gender minorities, and writers of color, the course examines how storytelling is used to establish and redistribute power. At the end of the semester, students will become familiar with audio-visual recording technology, learn to navigate transcription and coding software, and be able to conduct, transcribe and analyze an oral history.

FAS Divisional Distribution: Social Sciences

AFRAMER 224

African Postcolonial State

W 0945 AM - 1145 AM

David Glovsky

Course ID: 226221

2025 Fall (4 Credits)

Instructor Permission Required

This course, primarily for graduate students, is designed to analyze the form and function of the postcolonial state in Africa. Decolonization left African states and policymakers with many decisions regarding what states should do politically, economically, socially, and culturally. How should states create a national identity out of an emerging anti-colonial consciousness? Given the challenges of colonial rule, how could postcolonial state create vibrant economies and durable political systems, especially given the damage done by colonial rule. This seminar will engage with the newest works by historians, anthropologists, political scientists, and other scholars who have analyzed the postcolonial state in Africa, drawing on case studies from across the continent.

FAS Divisional Distribution: Social Sciences

AFRAMER 225

People of Print

T 1200 PM - 0245 PM

Course ID: 226572

2025 Fall (4 Credits)

When does an African book begin or end? This course investigates new and experimental African book forms that have emerged in recent years. Since 2000, a new generation of writers, readers, and publishers has moved away from the African Writers Series model toward a more artisan approach—one that integrates design, print, and aesthetics. Our primary focus will be the Chimurenga Library (based in Cape Town, South Africa), which, in its rhizomatic way, references contemporary and past systems of knowledge. The history of print in Africa has largely been shaped by the logic of colonial control and mission education. Here, we will explore how African literary production has undergone radical reformulations in the 21st century, transforming both the literary canon and the archive as conceptual and physical spaces—sites where memories are preserved, history is decided, and possibilities for reactivation emerge. We will consider the African text as a performative and participatory event that extends the book beyond its traditional boundaries and into dynamic modes of engagement.

FAS Divisional Distribution: Arts and Humanities

AFRAMER 234

Black Classicisms: A Research Seminar and Pedagogy Workshop

W 0300 PM - 0500 PM

Emily Greenwood

Course ID: 220551

2025 Fall (4 Credits)

Instructor Permission Required

From the enslaved poet Phillis Wheatley writing in Boston in the 1760s and 1770s, to contemporary authors and artists in Africa, the Caribbean, and the US, this lecture course will explore uses of ancient Greek and Roman Classics in the literatures, arts, and thought of Africa and the Black Diaspora. We will analyze how African and black diasporic authors and intellectuals have engaged with, revised, and re-imagined the classics of ancient Greece and Rome, both to expose and critique discourses of racism, imperialism, colonialism, and white supremacy, and as a rich source of radical self-expression. The course will be arranged thematically, taking in uses of Classics in literature, art, journalism, and politics. Writers, artists, and politicians whose work and ideas we will study include Phillis Wheatley, William Sanders Scarborough, Anna Julia Cooper, Pauline Hopkins, Mary Church Terrell, Edmonia Lewis, W.E.B. Du Bois, Aaron Douglas, Romare Bearden, Bob Thompson, Gwendolyn Brooks, Ralph Ellison, Rev. Martin Luther King Jr., Fran Ross, Toni Morrison, Rita Dove, Harryette Mullen, Spike Lee, Hastings Kamuzu Banda, Ola Rotimi, Athol Fugard, John Kani, and Winston Ntshona, Wole Soyinka, Njabulo Ndebele, C.L.R. James, Eric Williams, Aimé Césaire, Derek Walcott, Kamau Brathwaite, Austin Clarke, Marlene NourbeSe Philip, and Dionne Brand. In addition to works by individual authors, lectures will also attend to the circulation of Greek and Roman classical myths, history, and thought in vernacular cultures. Throughout, we will be attentive to the relationship between national contexts and transnational histories and networks, and the phenomenon of classical appropriation in invented modern traditions.

FAS Divisional Distribution: Arts and Humanities

AFRAMER 245

Pedagogies of Liberation: Race, Gender, and Class(rooms)

T 1200 PM - 0245 PM

Doris Sommer, Adriana Gutierrez

Course ID: 226215

2025 Fall (4 Credits)

Instructor Permission Required

This course is meant as preparation and accompaniment for new teachers of language and literature. It is designed for anyone dedicated to developing a pedagogical praxis that alternates between theory and implementation. The objective is to achieve a rigorous theoretical framework for the formative work of language instruction that supports literary analysis. The exemplary teachers featured in this course display a remarkable coherence of good practices that remain "alternative" to normalized approaches that are less effective intellectually and less supportive socially. For the final project, students will present a potential series of lessons inspired by one or more of the featured theorists. For graduate students of literature in RLL, language arts are the featured vehicle for language instruction. Learning and teaching Romance languages combines technical mastery with creative and critical skills. To develop this interlocking range of skills we count on foundational pedagogies from Romance Language territories and beyond. Our pedagogical pioneers share a mission to democratize societies marked by legacies of slavery, extractionism, and patriarchy.

There will be an additional 1-hour clinic with Dr. Gutierrez, time to be arranged.

FAS Divisional Distribution: Social Sciences

AFRAMER 310

Individual Reading Tutorial

No meeting time listed

Alejandro de la Fuente

Course ID: 115731

2025 Fall (4 Credits)

Instructor Permission Required

Allows students to work with an individual member of the faculty in a weekly tutorial.

Course Note: Students may not register for this course until their adviser and the faculty member with whom they plan to work have approved a program of study.

FAS Divisional Distribution: None

AFRAMER 310 (006)

Individual Reading Tutorial

No meeting time listed

Course ID: 115731

2025 Fall (4 Credits)

Instructor Permission Required

Allows students to work with an individual member of the faculty in a weekly tutorial.

Course Note: Students may not register for this course until their adviser and the faculty member with whom they plan to work have approved a program of study.

FAS Divisional Distribution: None

AFRAMER 310 (01)

Individual Reading Tutorial

No meeting time listed

Alejandro de la Fuente

Course ID: 115731
2026 Spring (4 Credits)

Instructor Permission Required

Allows students to work with an individual member of the faculty in a weekly tutorial.

Course Note: Students may not register for this course until their adviser and the faculty member with whom they plan to work have approved a program of study.

FAS Divisional Distribution: None

AFRAMER 310 (02)

Individual Reading Tutorial

No meeting time listed

Amber Henry

Course ID: 115731
2026 Spring (4 Credits)

Instructor Permission Required

Allows students to work with an individual member of the faculty in a weekly tutorial.

Course Note: Students may not register for this course until their adviser and the faculty member with whom they plan to work have approved a program of study.

FAS Divisional Distribution: None

AFRAMER 310 (027)

Individual Reading Tutorial

No meeting time listed

Course ID: 115731
2025 Fall (4 Credits)

Instructor Permission Required

Allows students to work with an individual member of the faculty in a weekly tutorial.

Course Note: Students may not register for this course until their adviser and the faculty member with whom they plan to work have approved a program of study.

FAS Divisional Distribution: None

AFRAMER 310 (031)

Individual Reading Tutorial

No meeting time listed

Tommie Shelby

Course ID: 115731
2025 Fall (4 Credits)

Instructor Permission Required

Allows students to work with an individual member of the faculty in a weekly tutorial.

Course Note: Students may not register for this course until their adviser and the faculty member with whom they plan to work have approved a program of study.

FAS Divisional Distribution: None

AFRAMER 310 (043)

Individual Reading Tutorial

No meeting time listed

Course ID: 115731
2025 Fall (4 Credits)

Instructor Permission Required

Allows students to work with an individual member of the faculty in a weekly tutorial.

Course Note: Students may not register for this course until their adviser and the faculty member with whom they plan to work have approved a program of study.

FAS Divisional Distribution: None

AFRAMER 310 (044)

Individual Reading Tutorial

No meeting time listed

Course ID: 115731
2025 Fall (4 Credits)

Instructor Permission Required

Allows students to work with an individual member of the faculty in a weekly tutorial.

Course Note: Students may not register for this course until their adviser and the faculty member with whom they plan to work have approved a program of study.

FAS Divisional Distribution: None

AFRAMER 310 (045)

Individual Reading Tutorial

No meeting time listed

Course ID: 115731
2025 Fall (4 Credits)

Instructor Permission Required

Allows students to work with an individual member of the faculty in a weekly tutorial.

Course Note: Students may not register for this course until their adviser and the faculty member with whom they plan to work have approved a program of study.

FAS Divisional Distribution: None

AFRAMER 310 (046)

Individual Reading Tutorial

No meeting time listed

Sidney Chalhoub

Course ID: 115731
2025 Fall (4 Credits)

Instructor Permission Required

Allows students to work with an individual member of the faculty in a weekly tutorial.

Course Note: Students may not register for this course until their adviser and the faculty member with whom they plan to work have approved a program of study.

FAS Divisional Distribution: None

AFRAMER 390 (01)

Individual Research

No meeting time listed

Alejandro de la Fuente

Course ID: 115732
2026 Spring (4 Credits)

Instructor Permission Required

AFRAMER 390 (031)

Individual Research

No meeting time listed

Tommie Shelby

Course ID: 115732
2025 Fall (4 Credits)

Instructor Permission Required

AFRAMER 390 (040)

Individual Research

No meeting time listed

Course ID: 115732
2025 Fall (4 Credits)

Instructor Permission Required

AFRAMER 390 (041)
Individual Research
No meeting time listed

Course ID: 115732
2025 Fall (4 Credits)
Instructor Permission Required

AFRAMER 390 (042)
Individual Research
No meeting time listed

Course ID: 115732
2025 Fall (4 Credits)
Instructor Permission Required

AFRAMER 391 (01)
Directed Writing
No meeting time listed
Alejandro de la Fuente

Course ID: 119827
2026 Spring (4 Credits)
Instructor Permission Required

AFRAMER 391 (010)
Directed Writing
No meeting time listed

Course ID: 119827
2025 Fall (4 Credits)
Instructor Permission Required

AFRAMER 391 (040)
Directed Writing
No meeting time listed

Course ID: 119827
2025 Fall (4 Credits)
Instructor Permission Required

AFRAMER 391 (041)
Directed Writing
No meeting time listed

Course ID: 119827
2025 Fall (4 Credits)
Instructor Permission Required

AFRAMER 391 (042)
Directed Writing
No meeting time listed

Course ID: 119827
2025 Fall (4 Credits)
Instructor Permission Required

AFRAMER 392
Teaching, Writing, and Research
No meeting time listed
Alejandro de la Fuente

Course ID: 210981
2025 Fall (4 Credits)

AFRAMER 392
Teaching, Writing, and Research
No meeting time listed
Alejandro de la Fuente

Course ID: 210981
2026 Spring (4 Credits)

AFRAMER 398
Reading and Research
No meeting time listed
Jean Comaroff

Course ID: 122706
2026 Spring (4 Credits)
Instructor Permission Required

AFRAMER 398 (002) Reading and Research <i>No meeting time listed</i> <i>Tommie Shelby</i>	Course ID: 122706 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
AFRAMER 398 (003) Reading and Research <i>No meeting time listed</i> <i>John Mugane</i>	Course ID: 122706 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
AFRAMER 398 (004) Reading and Research <i>No meeting time listed</i> <i>Paulina Alberto</i>	Course ID: 122706 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
AFRAMER 398 (005) Reading and Research <i>No meeting time listed</i> <i>Emmanuel Akyeampong</i>	Course ID: 122706 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
AFRAMER 398 (006) Reading and Research <i>No meeting time listed</i> <i>Ali Asani</i>	Course ID: 122706 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
AFRAMER 398 (007) Reading and Research <i>No meeting time listed</i> <i>Robin Bernstein</i>	Course ID: 122706 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
AFRAMER 398 (008) Reading and Research <i>No meeting time listed</i> <i>Suzanne Blier</i>	Course ID: 122706 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
AFRAMER 398 (009) Reading and Research <i>No meeting time listed</i> <i>Vincent Brown</i>	Course ID: 122706 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
AFRAMER 398 (010) Reading and Research <i>No meeting time listed</i> <i>Glenda Carpio</i>	Course ID: 122706 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
AFRAMER 398 (011) Reading and Research	Course ID: 122706 2026 Spring (4 Credits)

No meeting time listed
Bruno Carvalho

Instructor Permission Required

AFRAMER 398 (012)
Reading and Research
No meeting time listed
Sidney Chalhoub

Course ID: 122706
2026 Spring (4 Credits)
Instructor Permission Required

AFRAMER 398 (013)
Reading and Research
No meeting time listed
Alejandro de la Fuente

Course ID: 122706
2026 Spring (4 Credits)
Instructor Permission Required

AFRAMER 398 (014)
Reading and Research
No meeting time listed
Caroline Elkins

Course ID: 122706
2026 Spring (4 Credits)
Instructor Permission Required

AFRAMER 398 (015)
Reading and Research
No meeting time listed
Henry Gates

Course ID: 122706
2026 Spring (4 Credits)
Instructor Permission Required

AFRAMER 398 (016)
Reading and Research
No meeting time listed
Evelynn Hammonds

Course ID: 122706
2026 Spring (4 Credits)
Instructor Permission Required

AFRAMER 398 (018)
Reading and Research
No meeting time listed
Jennifer Hochschild

Course ID: 122706
2026 Spring (4 Credits)
Instructor Permission Required

AFRAMER 398 (019)
Reading and Research
No meeting time listed
Vijay Iyer

Course ID: 122706
2026 Spring (4 Credits)
Instructor Permission Required

AFRAMER 398 (020)
Reading and Research
No meeting time listed
Walter Johnson

Course ID: 122706
2026 Spring (4 Credits)
Instructor Permission Required

AFRAMER 398 (021)
Reading and Research
No meeting time listed
Ousmane Oumar Kane

Course ID: 122706
2026 Spring (4 Credits)
Instructor Permission Required

AFRAMER 398 (022)
Reading and Research
No meeting time listed
Jamaica Kincaid

Course ID: 122706
2026 Spring (4 Credits)
Instructor Permission Required

AFRAMER 398 (023)
Reading and Research
No meeting time listed
Michele Lamont

Course ID: 122706
2026 Spring (4 Credits)
Instructor Permission Required

AFRAMER 398 (024)
Reading and Research
No meeting time listed
Francoise Lionnet

Course ID: 122706
2026 Spring (4 Credits)
Instructor Permission Required

AFRAMER 398 (025)
Reading and Research
No meeting time listed
Ingrid Monson

Course ID: 122706
2026 Spring (4 Credits)
Instructor Permission Required

AFRAMER 398 (026)
Reading and Research
No meeting time listed
Marcyliena Morgan

Course ID: 122706
2026 Spring (4 Credits)
Instructor Permission Required

AFRAMER 398 (027)
Reading and Research
No meeting time listed
Jacob Olupona

Course ID: 122706
2026 Spring (4 Credits)
Instructor Permission Required

AFRAMER 398 (029)
Reading and Research
No meeting time listed
Kay Shelemay

Course ID: 122706
2026 Spring (4 Credits)
Instructor Permission Required

AFRAMER 398 (030)
Reading and Research
No meeting time listed
James Sidanius

Course ID: 122706
2026 Spring (4 Credits)
Instructor Permission Required

AFRAMER 398 (031)
Reading and Research
No meeting time listed

Course ID: 122706
2025 Fall (4 Credits)
Instructor Permission Required

AFRAMER 398 (031)
Reading and Research
No meeting time listed
Doris Sommer

Course ID: 122706
2026 Spring (4 Credits)
Instructor Permission Required

AFRAMER 398 (032) Reading and Research <i>No meeting time listed</i> <i>John Stauffer</i>	Course ID: 122706 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
AFRAMER 398 (033) Reading and Research <i>No meeting time listed</i> <i>David Williams</i>	Course ID: 122706 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
AFRAMER 398 (034) Reading and Research <i>No meeting time listed</i> <i>Daniel Agbiboa</i>	Course ID: 122706 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
AFRAMER 398 (035) Reading and Research <i>No meeting time listed</i> <i>Sarah Lewis</i>	Course ID: 122706 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
AFRAMER 398 (036) Reading and Research <i>No meeting time listed</i> <i>Jesse McCarthy</i>	Course ID: 122706 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
AFRAMER 398 (037) Reading and Research <i>No meeting time listed</i> <i>George Paul Meiu</i>	Course ID: 122706 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
AFRAMER 398 (038) Reading and Research <i>No meeting time listed</i> <i>Bruno Carvalho</i>	Course ID: 122706 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
AFRAMER 398 (038) Reading and Research <i>No meeting time listed</i> <i>Brandon Terry</i>	Course ID: 122706 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
AFRAMER 398 (039) Reading and Research <i>No meeting time listed</i> <i>Linda Chavers</i>	Course ID: 122706 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
AFRAMER 398 (040) Reading and Research	Course ID: 122706 2025 Fall (4 Credits)

AFRAMER 398 (040)
Reading and Research
No meeting time listed
Jacqueline Rivers

Course ID: 122706
2026 Spring (4 Credits)
Instructor Permission Required

AFRAMER 398 (041)
Reading and Research
No meeting time listed

Course ID: 122706
2025 Fall (4 Credits)
Instructor Permission Required

AFRAMER 398 (041)
Reading and Research
No meeting time listed
Carla Martin

Course ID: 122706
2026 Spring (4 Credits)
Instructor Permission Required

AFRAMER 398 (042)
Reading and Research
No meeting time listed

Course ID: 122706
2025 Fall (4 Credits)
Instructor Permission Required

AFRAMER 399 (01)
Direction of Doctoral Dissertations
No meeting time listed
Alejandro de la Fuente

Course ID: 115733
2026 Spring (4 Credits)
Instructor Permission Required

AFRAMER 399 (031)
Direction of Doctoral Dissertations
No meeting time listed

Course ID: 115733
2025 Fall (4 Credits)
Instructor Permission Required

AFRAMER 399 (040)
Direction of Doctoral Dissertations
No meeting time listed

Course ID: 115733
2025 Fall (4 Credits)
Instructor Permission Required

AFRAMER 399 (041)
Direction of Doctoral Dissertations
No meeting time listed

Course ID: 115733
2025 Fall (4 Credits)
Instructor Permission Required

AFRAMER 399 (042)
Direction of Doctoral Dissertations
No meeting time listed

Course ID: 115733
2025 Fall (4 Credits)
Instructor Permission Required

Lingala

LINGALA AA

Course ID: 206679
2025 Fall (4 Credits)

Elementary Lingala

No meeting time listed

Instructor Permission Required

John Mugane

A study of Lingala a major spoken in the Democratic Republic of the Congo (DRC), The Republic of Congo, Angola and the Central African Republic at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged complete both terms of this course (parts AA and AB) within the same academic year.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Lingala

Full Year Course: Divisible Course

LINGALA AB

Course ID: 206680
2026 Spring (4 Credits)

Elementary Lingala

No meeting time listed

Instructor Permission Required

John Mugane

A study of Lingala a major spoken in the Democratic Republic of the Congo (DRC), The Republic of Congo, Angola and the Central African Republic at the Elementary level (First year part 2). Contact hours supplemented by language digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. This course is offered only in the Spring.

Full Year Course: Divisible Course

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Lingala

Twi

TWI AA

Course ID: 120944
2025 Fall (4 Credits)

Elementary Twi

No meeting time listed

Instructor Permission Required

Francis Akutey-Baffoe

Twi is one of the regional languages of the Akan speaking peoples of Ghana, constituting the largest ethnic group in Ghana. Twi is fast becoming the lingua franca of the country. This course aims to help students acquire the Twi language at the basic or elementary level. Students are strongly encouraged to complete both terms of this course (parts AA and AB) within the same academic year.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Twi

Full Year Course: Divisible Course

TWI AB

Course ID: 159869
2026 Spring (4 Credits)

Elementary Twi

No meeting time listed

Instructor Permission Required

Francis Akutey-Baffoe

Twi is one of the regional languages of the Akan speaking peoples of Ghana, constituting the largest ethnic group in Ghana. Twi is fast becoming the lingua franca of the country. This course aims to help students acquire the Twi language at the basic or elementary level. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Full Year Course: Divisible Course

HCOL: Foreign Lang Citation: Twi

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Twi

TWI BA

Course ID: 120947
2025 Fall (4 Credits)

Intermediate Twi

No meeting time listed

Instructor Permission Required

Francis Akutey-Baffoe

Continuation of Twi A. Twi is one of the regional languages of the Akan speaking peoples of Ghana constituting the largest ethnic group in Ghana. Twi is fast becoming the lingua franca of the country. The Akan people are well known for their art and culture, especially the traditional colorful Kente cloth. Students are strongly encouraged to complete both terms of this course (parts BA and BB) within the same academic year.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Twi A or the equivalent of one year's study of Twi.

FAS: Meets Foreign Lang Req: Twi

Full Year Course: Divisible Course

HCOL: Foreign Lang Citation: Twi

FAS Divisional Distribution: None

TWI 101AR

Course ID: 120948

Reading in Twi

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Francis Akutey-Baffoe

Advanced reading in Twi.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Twi B or equivalent.

FAS: Meets Foreign Lang Req: Twi

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Twi

TWI 101BR (01)

Course ID: 120950

Reading in Twi II

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Advanced reading in Twi II.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Twi 101ar or equivalent.

FAS: Meets Foreign Lang Req: Twi

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Twi

IGBO AA

Course ID: 126308
2025 Fall (4 Credits)

Elementary Igbo

No meeting time listed

Instructor Permission Required

John Mugane

A study of Igbo one of the three most widely spoken languages in Nigeria at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to complete both terms of this course (parts AA and AB) within the same academic year.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS: Meets Foreign Lang Req: Igbo

FAS Divisional Distribution: None

Full Year Course: Divisible Course

IGBO AB

Course ID: 205854
2026 Spring (4 Credits)

Elementary Igbo

No meeting time listed

Instructor Permission Required

John Mugane

A study of Igbo one of the three most widely spoken languages in Nigeria at the Elementary level (First year part 2). Contact hours supplemented by language digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. This course is offered only in the Spring.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Full Year Course: Divisible Course

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Igbo

IGBO BA

Course ID: 205860
2025 Fall (4 Credits)

Intermediate Igbo

No meeting time listed

Instructor Permission Required

John Mugane

A study of Igbo one of the three most widely spoken languages in Nigeria at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to complete both terms of this course (parts AA and AB) within the same academic year. Students taking Igbo BA in the Spring must note that Igbo BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more..

HCOL: Foreign Lang Citation: Igbo

FAS Divisional Distribution: None

Full Year Course: Divisible Course

FAS: Meets Foreign Lang Req: Igbo

IGBO BB

Intermediate Igbo

No meeting time listed

John Mugane

Course ID: 205850
2026 Spring (4 Credits)

Instructor Permission Required

A study of Igbo one of the three most widely spoken languages in Nigeria at the Intermediate level (Second year part 2). Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Igbo BA in the Spring must note that Igbo BB is offered only in the Spring.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS: Meets Foreign Lang Req: Igbo

Full Year Course: Divisible Course

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: Igbo

IGBO 101AR

Advanced Igbo

No meeting time listed

John Mugane

Course ID: 205865
2025 Fall (4 Credits)

Instructor Permission Required

A study of Igbo one of the three most widely spoken languages in Nigeria at the Advanced level in the Fall semester. As needed, successive advanced readings in Igbo may be taken under Igbo 101ar every Fall.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Igbo B or equivalent

HCOL: Foreign Lang Citation: Igbo

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Igbo

IGBO 101BR

Advanced Igbo II

No meeting time listed

John Mugane

Course ID: 205874
2026 Spring (4 Credits)

Instructor Permission Required

A study of Igbo one of the three most widely spoken languages in Nigeria at the Advanced level in the Spring semester. As needed, successive advanced readings in Igbo may be taken under Igbo 101br every Spring.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Igbo 101ar equivalent.

FAS: Meets Foreign Lang Req: Igbo

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Igbo

Wolofal

WOLOFAL BA

Intermediate Wolofal

No meeting time listed

John Mugane

Course ID: 226537
2025 Fall (4 Credits)

Instructor Permission Required

A study of Wolof (in the Arabic script), a major language spoken in Senegal and the Gambia, at the Intermediate level (First year part 2). Emphasis on written expression of Wolof Ajami or Wolofal, reading comprehension, and oral fluency. The curriculum builds throughout the year.

FAS Divisional Distribution: None

Swahili

SWAHILI AA

Course ID: 119819
2025 Fall (4 Credits)

Elementary Swahili

No meeting time listed

Instructor Permission Required

John Mugane

A study of the lingua franca of East Africa at the elementary level. Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Full Year Course: Divisible Course

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Swahili

SWAHILI AB

Course ID: 159829
2026 Spring (4 Credits)

Elementary Swahili

No meeting time listed

Instructor Permission Required

John Mugane

A study of the lingua franca of East Africa at the elementary level. Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS: Meets Foreign Lang Req: Swahili

FAS Divisional Distribution: None

Full Year Course: Divisible Course

SWAHILI BA

Course ID: 144184
2025 Fall (4 Credits)

Intermediate Swahili

No meeting time listed

Instructor Permission Required

John Mugane

Continuation of Swahili A. A study of the lingua franca of East Africa at the elementary level. Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Swahili A or the equivalent of one year's study of Swahili.

FAS Divisional Distribution: None

Full Year Course: Divisible Course

FAS: Meets Foreign Lang Req: Swahili

HCOL: Foreign Lang Citation: Swahili

SWAHILI BB

Intermediate Swahili

No meeting time listed

John Mugane

Course ID: 159865

2026 Spring (4 Credits)

Instructor Permission Required

Continuation of Swahili A. A study of the lingua franca of East Africa at the elementary level. Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Swahili A or the equivalent of one year's study of Swahili.

Full Year Course: Divisible Course

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: Swahili

FAS: Meets Foreign Lang Req: Swahili

SWAHILI 101AR

Reading in Swahili

No meeting time listed

John Mugane

Course ID: 119820

2025 Fall (4 Credits)

Instructor Permission Required

Advanced reading in Swahili.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Swahili B or equivalent.

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Swahili

FAS: Meets Foreign Lang Req: Swahili

SWAHILI 101BR

Reading in Swahili II

No meeting time listed

John Mugane

Course ID: 119821

2026 Spring (4 Credits)

Instructor Permission Required

Advanced reading in Swahili II.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Swahili 101ar or equivalent.

HCOL: Foreign Lang Citation: Swahili

FAS: Meets Foreign Lang Req: Swahili

FAS Divisional Distribution: Arts and Humanities

Jamaican

JAMAICAN AA

Course ID: 156750
2025 Fall (4 Credits)

Elementary Jamaican Patois

No meeting time listed

Instructor Permission Required

John Mugane

A study of Jamaican Patois the primary native language of Jamaica at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to complete both terms of this course (parts AA and AB) within the same academic year.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Full Year Course: Divisible Course

FAS: Meets Foreign Lang Req: Jamaican Patois

FAS Divisional Distribution: None

JAMAICAN AB

Course ID: 205844
2026 Spring (4 Credits)

Elementary Jamaican Patois

No meeting time listed

Instructor Permission Required

John Mugane

A study of Jamaican Patois the primary native language of Jamaica at the Elementary level (First year part 2). Contact hours supplemented by language digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS: Meets Foreign Lang Req: Jamaican Patois

FAS Divisional Distribution: None

Oromo

OROMO AA

Course ID: 206575
2025 Fall (4 Credits)

Elementary Oromo

No meeting time listed

Instructor Permission Required

John Mugane

A study of Oromo a major language spoken in several countries including Ethiopia, Kenya, and Somalia at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Full Year Course: Divisible Course

FAS: Meets Foreign Lang Req: Oromo

FAS Divisional Distribution: None

OROMO AB

Course ID: 206579
2026 Spring (4 Credits)

Elementary Oromo

No meeting time listed

Instructor Permission Required

John Mugane

A study of Oromo a major language spoken in several countries including Ethiopia, Kenya, and Somalia at the Elementary level (First year part 2). Contact hours supplemented by language digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. This course is offered only in the Spring.

FAS Divisional Distribution: None

Full Year Course: Divisible Course

FAS: Meets Foreign Lang Req: Oromo

OROMO BA

Course ID: 206583
2025 Fall (4 Credits)

Intermediate Oromo

No meeting time listed

Instructor Permission Required

John Mugane

A study of Oromo a major language spoken in several countries including Ethiopia, Kenya, and Somalia at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Oromo BA in the Spring must note that Oromo BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Full Year Course: Divisible Course

FAS: Meets Foreign Lang Req: Oromo

HCOL: Foreign Lang Citation: Oromo

FAS Divisional Distribution: None

OROMO BB

Intermediate Oromo

No meeting time listed

John Mugane

Course ID: 206587
2026 Spring (4 Credits)

Instructor Permission Required

A study of Oromo a major language spoken in several countries including Ethiopia, Kenya, and Somalia at the Intermediate level (Second year part 2). Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Oromo BA in the Spring must note that Oromo BB is offered only in the Spring.

FAS: Meets Foreign Lang Req: Oromo

HCOL: Foreign Lang Citation: Oromo

Full Year Course: Divisible Course

FAS Divisional Distribution: None

OROMO 101AR

Advanced Oromo

No meeting time listed

John Mugane

Course ID: 206591
2025 Fall (4 Credits)

Instructor Permission Required

A study of Oromo a major language spoken in several countries including Ethiopia, Kenya, and Somalia at the Advanced level in the Fall semester. As needed, successive advanced readings in Oromo may be taken under Oromo 101ar every Fall.

Oromo B or equivalent

HCOL: Foreign Lang Citation: Oromo

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Oromo

Egyptarb

EGYPTARB AA

Elementary Egyptian Arabic

No meeting time listed

John Mugane

Course ID: 206879
2025 Fall (4 Credits)

Instructor Permission Required

A study of Egyptian Arabic the de facto national working language in Egypt at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are encouraged to complete both parts of this course (parts AA and AB) within the same academic year.

FAS Divisional Distribution: None

Full Year Course: Divisible Course

FAS: Meets Foreign Lang Req: Egyptian Arabic

EGYPTARB AB

Elementary Egyptian Arabic

No meeting time listed

John Mugane

Course ID: 206880
2026 Spring (4 Credits)

Instructor Permission Required

A study of Egyptian Arabic the de facto national working language in Egypt at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are encouraged to complete both parts of this course (parts AA and AB) within the same academic year.

Full Year Course: Divisible Course

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Egyptian Arabic

EGYPTARB BA

Intermediate Egyptian Arabic

No meeting time listed

John Mugane

Course ID: 206881
2025 Fall (4 Credits)

Instructor Permission Required

A study of Egyptian Arabic the de facto national working language in Egypt at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are encouraged to complete both parts of this course (parts AA and AB) within the same academic year. Students taking Egyptian Arabic BA in the Spring must note that Egyptian Arabic BB is offered only in the Spring and must therefore wait for Spring to complete the course.

HCOL: Foreign Lang Citation: Egyptian Arabic

FAS: Meets Foreign Lang Req: Egyptian Arabic

Full Year Course: Divisible Course

FAS Divisional Distribution: None

EGYPTARB BB

Intermediate Egyptian Arabic

No meeting time listed

John Mugane

Course ID: 206882
2026 Spring (4 Credits)

Instructor Permission Required

A study of Egyptian Arabic the de facto national working language in Egypt at the Intermediate level (Second year part 2). Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are encouraged to complete both parts of this course (parts AA and AB) within the same academic year. Students taking Egyptian Arabic BA in the Spring must note that

Egyptian Arabic BB is offered only in the Spring.

Full Year Course: Divisible Course

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Egyptian Arabic

HCOL: Foreign Lang Citation: Egyptian Arabic

EGYPTARB 101AR

Advanced Egyptian Arabic

Course ID: 206883

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

John Mugane

A study of Egyptian Arabic the de facto national working language in Egypt at the Advanced level in the Fall semester. As needed, successive advanced readings in Egyptian Arabic may be taken under Egyptian Arabic 101ar every Fall.

Egyptian Arabic B or equivalent

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Egyptian Arabic

HCOL: Foreign Lang Citation: Egyptian Arabic

EGYPTARB 101BR

Advanced Egyptian Arabic II

Course ID: 206884
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

John Mugane

A study of Egyptian Arabic the de facto national working language in Egypt at the Advanced level in the Spring semester. As needed, successive advanced readings in Egyptian Arabic may be taken under Egyptian Arabic 101br every Spring.

Egyptian Arabic 101AR or equivalent

FAS: Meets Foreign Lang Req: Egyptian Arabic

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Egyptian Arabic

Haitian

HAITIAN AA

Course ID: 126306
2025 Fall (4 Credits)

Elementary Haitian Creole

No meeting time listed

Instructor Permission Required

John Mugane

A study of Haitian Creole the dominant official and native language of Haiti at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to complete both terms of this course (parts AA and AB) within the same academic year.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Full Year Course: Divisible Course

FAS: Meets Foreign Lang Req: Haitian Creole

FAS Divisional Distribution: None

HAITIAN AB

Course ID: 205859
2026 Spring (4 Credits)

Elementary Haitian Creole

No meeting time listed

Instructor Permission Required

John Mugane

A study of Haitian Creole the dominant official and native language of Haiti at the Elementary level (First year part 2). Contact hours supplemented by language digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. This course is offered only in the Spring.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS: Meets Foreign Lang Req: Haitian Creole

FAS Divisional Distribution: None

Full Year Course: Divisible Course

HAITIAN BA

Course ID: 205848
2025 Fall (4 Credits)

Intermediate Haitian Creole

No meeting time listed

Instructor Permission Required

John Mugane

A study of Haitian Creole the dominant official and native language of Haiti at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to complete both terms of this course (parts AA and AB) within the same academic year. Students taking Haitian Creole BA in the Spring must note that Haitian Creole BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Full Year Course: Divisible Course

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: Haitian Creole

FAS: Meets Foreign Lang Req: Haitian Creole

Intermediate Haitian Creole*No meeting time listed**Instructor Permission Required**John Mugane*

A study of Haitian Creole the dominant official and native language of Haiti at the Intermediate level (Second year part 2). Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Haitian Creole BA in the Spring must note that Haitian Creole BB is offered only in the Spring.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

HCOL: Foreign Lang Citation: Haitian Creole

Full Year Course: Divisible Course

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Haitian Creole

Wolof

WOLOF AA

Course ID: 205984
2025 Fall (4 Credits)

Elementary Wolof

No meeting time listed

Instructor Permission Required

John Mugane

A study of Wolof the major language spoken in Senegal at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to complete both terms of this course (parts AA and AB) within the same academic year.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Full Year Course: Divisible Course

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Wolof

WOLOF AB

Course ID: 205985
2026 Spring (4 Credits)

Elementary Wolof

No meeting time listed

Instructor Permission Required

John Mugane

A study of Wolof the major language spoken in Senegal at the Elementary level (First year part 2). Contact hours supplemented by language digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. This course is offered only in the Spring.

FAS: Meets Foreign Lang Req: Wolof

FAS Divisional Distribution: None

Full Year Course: Divisible Course

WOLOF BA

Course ID: 205986
2025 Fall (4 Credits)

Intermediate Wolof

No meeting time listed

Instructor Permission Required

John Mugane

A study of Wolof the major language spoken in Senegal at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to complete both terms of this course (parts AA and AB) within the same academic year. Students taking Wolof BA in the Spring must note that Wolof BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Course may be repeated and course material will be adjusted to fit the students' proficiency progress level.

FAS Divisional Distribution: None

Full Year Course: Divisible Course

FAS: Meets Foreign Lang Req: Wolof

HCOL: Foreign Lang Citation: Wolof

WOLOF BB
Intermediate Wolof

Course ID: 205987
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

John Mugane

A study of Wolof the major language spoken in Senegal at the Intermediate level (Second year part 2). Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Wolof BA in the Spring must note that Wolof BB is offered only in the Spring.

FAS Divisional Distribution: None

Full Year Course: Divisible Course

HCOL: Foreign Lang Citation: Wolof

FAS: Meets Foreign Lang Req: Wolof

WOLOF 101AR
Advanced Wolof

Course ID: 205988
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

John Mugane

A study of Wolof the major language spoken in Senegal at the Advanced level in the Fall semester. As needed, successive advanced readings in Wolof may be taken under Wolof 101ar every Fall.

Wolof B or equivalent

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Wolof

HCOL: Foreign Lang Citation: Wolof

WOLOF 101BR
Advanced Wolof II

Course ID: 205989
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

John Mugane

A study of Wolof the major language spoken in Senegal at the Advanced level in the Spring semester. As needed, successive advanced readings Wolof may be taken under Wolof 101br every Spring.

Wolof 101AR or equivalent

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Wolof

FAS: Meets Foreign Lang Req: Wolof

Yoruba

YORUBA AA

Course ID: 120952

Elementary Yoruba

2025 Fall (4 Credits)

MWF 1200 PM - 0115 PM

Instructor Permission Required

Taiwo Ehineni

Yoruba is spoken in the West African countries of Nigeria, Benin Republic, and parts of Togo and Sierra Leone, therefore constituting one of the largest single languages in sub-Saharan Africa. Yoruba is also spoken in Cuba and Brazil. Students will acquire the Yoruba language at the basic or elementary level. Students are strongly encouraged to complete both terms of this course (parts AA and AB) within the same academic year.

Course Note: Primarily designed for students who have no prior knowledge of Yoruba. However, students with minimal knowledge of the language may also register for the course. Not open to auditors.

FAS: Meets Foreign Lang Req: Yoruba

FAS Divisional Distribution: None

Full Year Course: Divisible Course

YORUBA AB

Course ID: 159872

Elementary Yoruba

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Taiwo Ehineni

Yoruba is spoken in the West African countries of Nigeria, Benin Republic, and parts of Togo and Sierra Leone, therefore constituting one of the largest single languages in sub-Saharan Africa. Yoruba is also spoken in Cuba and Brazil. Students will acquire the Yoruba language at the basic or elementary level. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Note: Primarily designed for students who have no prior knowledge of Yoruba. However, students with minimal knowledge of the language may also register for the course. Not open to auditors.

FAS: Meets Foreign Lang Req: Yoruba

Full Year Course: Divisible Course

FAS Divisional Distribution: None

YORUBA BA

Course ID: 120953

Intermediate Yoruba

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Taiwo Ehineni

Continuation of Yoruba A. Yoruba is spoken in the West African countries of Nigeria, Benin Republic, and parts of Togo and Sierra Leone, therefore constituting one of the largest single languages in sub-Saharan Africa. Yoruba is also spoken in Cuba and Brazil. Students will acquire the Yoruba language at the basic or elementary level. Students are strongly encouraged to complete both terms of this course (parts AA and AB) within the same academic year.

Course Note: Not open to auditors.

Yoruba A or the equivalent of one year's study of Yoruba.

Full Year Course: Divisible Course

HCOL: Foreign Lang Citation: Yoruba

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Yoruba

YORUBA BB

Course ID: 159873

Intermediate Yoruba

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

John Mugane

Continuation of Yoruba A. Yoruba is spoken in the West African countries of Nigeria, Benin Republic, and parts of Togo and Sierra Leone, therefore constituting one of the largest single languages in sub-Saharan Africa. Yoruba is also spoken in Cuba and Brazil. Students will acquire the Yoruba language at the basic or elementary level. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Note: Not open to auditors.

Yoruba A or the equivalent of one year's study of Yoruba.

Full Year Course: Divisible Course

HCOL: Foreign Lang Citation: Yoruba

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Yoruba

YORUBA 101AR

Course ID: 120954

Reading in Yoruba

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Taiwo Ehineni

Advanced reading in Yoruba.

Course Note: Not open to auditors.

Yoruba B or equivalent.

HCOL: Foreign Lang Citation: Yoruba

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Yoruba

YORUBA 101BR (01)

Course ID: 120955

Reading in Yoruba II

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

John Mugane

Advanced reading in Yoruba II.

Course Note: Not open to auditors.

Yoruba 101a or equivalent.

FAS: Meets Foreign Lang Req: Yoruba

HCOL: Foreign Lang Citation: Yoruba

FAS Divisional Distribution: Arts and Humanities

Geez

GEEZ AB

Elementary Geez

No meeting time listed

John Mugane

Course ID: 206900
2026 Spring (4 Credits)

Instructor Permission Required

A study of Geez the liturgical language of the Ethiopian Orthodox Church at the Elementary level (First year part 2). Contact hours supplemented by language digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are encouraged to complete both parts of this course (parts AA and AB) within the same academic year. This course is offered only in the Spring.

Full Year Course: Divisible Course

FAS: Meets Foreign Lang Req: Ge'ez

FAS Divisional Distribution: None

Kinyarwanda

KINYARWA AB

Elementary Kinyarwanda

No meeting time listed

John Mugane

Course ID: 206604
2026 Spring (4 Credits)

Instructor Permission Required

A study of Kinyarwanda the language spoken in all of Rwanda at the Elementary level (First year part 2). Contact hours supplemented by language digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. This course is offered only in the Spring.

FAS: Meets Foreign Lang Req: Kinyarwanda

Full Year Course: Divisible Course

FAS Divisional Distribution: None

KINYARWA BB

Intermediate Kinyarwanda

No meeting time listed

John Mugane

Course ID: 206606
2026 Spring (4 Credits)

Instructor Permission Required

A study of Kinyarwanda the language spoken in all of Rwanda at the Intermediate level (Second year part 2). Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Kinyarwanda BA in the Spring must note that Kinyarwanda BB is offered only in the Spring.

Full Year Course: Divisible Course

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Kinyarwanda

HCOL: Foreign Lang Citation: Kinyarwanda

Kimeru

KIMERU AA (01)

Elementary Kimeru

No meeting time listed

John Mugane

Course ID: 217926
2026 Spring (4 Credits)

Instructor Permission Required

A study of a language spoken by the Meru people of Kenya at the elementary level. Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

FAS Divisional Distribution: None

Afrikaans

AFRIKAAN AB

Elementary Afrikaans

No meeting time listed

John Mugane

Course ID: 205831
2026 Spring (4 Credits)

Instructor Permission Required

A study of Afrikaans a major language spoken in South Africa at the Elementary level (First year part 2). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS: Meets Foreign Lang Req: Afrikaans

Full Year Course: Divisible Course

FAS Divisional Distribution: None

AFRIKAAN 101BR (01)

Advanced Afrikaans II

No meeting time listed

John Mugane

Course ID: 205836
2026 Spring (4 Credits)

A study of Afrikaans a major language spoken in South Africa at the Advanced level in the Spring semester. As needed, successive advanced readings in Afrikaans may be taken under Afrikaans 101br every Spring.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Afrikaans 101ar or equivalent.

FAS: Meets Foreign Lang Req: Afrikaans

HCOL: Foreign Lang Citation: Afrikaans

FAS Divisional Distribution: Arts and Humanities

Amharic

AMHARIC AA

Course ID: 126300
2025 Fall (4 Credits)

Elementary Amharic

No meeting time listed

Instructor Permission Required

John Mugane

A study of Amharic the statutory national language and major lingua franca of Ethiopia at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Note: Languages in the program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Full Year Course: Divisible Course

FAS: Meets Foreign Lang Req: Amharic

FAS Divisional Distribution: None

AMHARIC AB

Course ID: 205838
2026 Spring (4 Credits)

Elementary Amharic

No meeting time listed

Instructor Permission Required

John Mugane

A study of Amharic the statutory national language and major lingua franca of Ethiopia at the Elementary level (First year part 2). Contact hours supplemented by language digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. This course is offered only in the Spring.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Full Year Course: Divisible Course

FAS: Meets Foreign Lang Req: Amharic

FAS Divisional Distribution: None

AMHARIC BA

Course ID: 205853
2025 Fall (4 Credits)

Intermediate Amharic

No meeting time listed

Instructor Permission Required

John Mugane

A study of Amharic the statutory national language and major lingua franca of Ethiopia at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Amharic BA in the Spring must note that Amharic BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Note: Languages in the program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: Amharic

FAS: Meets Foreign Lang Req: Amharic

Full Year Course: Divisible Course

AMHARIC BB
Intermediate Amharic

Course ID: 205841
2026 Spring (4 Credits)

No meeting time listed
John Mugane

Instructor Permission Required

A study of Afrikaans a major language spoken in South Africa at the Intermediate level (Second year part 2). Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Afrikaans BA in the Spring must note that Afrikaans BB is offered only in the Spring.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

HCOL: Foreign Lang Citation: Amharic
Full Year Course: Divisible Course
FAS: Meets Foreign Lang Req: Amharic
FAS Divisional Distribution: None

AMHARIC 101AR
Advanced Amharic

Course ID: 205845
2025 Fall (4 Credits)

No meeting time listed
John Mugane

Instructor Permission Required

A study of Amharic the statutory national language and major lingua franca of Ethiopia at the Advanced level in the Fall semester. As needed, successive advanced readings in Amharic may be taken under Amharic 101ar every Fall.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Amharic B or equivalent.

HCOL: Foreign Lang Citation: Amharic
FAS Divisional Distribution: Arts and Humanities
FAS: Meets Foreign Lang Req: Amharic

AMHARIC 101BR
Advanced Amharic II

Course ID: 205862
2026 Spring (4 Credits)

No meeting time listed
John Mugane

Instructor Permission Required

A study of Amharic the statutory national language and major lingua franca of Ethiopia at the Advanced level in the Spring semester. As needed, successive advanced readings in Amharic may be taken under Amharic 101br every Spring.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Amharic 101ar or equivalent

FAS Divisional Distribution: Arts and Humanities
HCOL: Foreign Lang Citation: Amharic
FAS: Meets Foreign Lang Req: Amharic

Tigrinya

TIGRINYA AA

Course ID: 126313
2025 Fall (4 Credits)

Elementary Tigrinya

No meeting time listed

Instructor Permission Required

John Mugane

A study of Tigrinya a major language spoken in Ethiopia at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS: Meets Foreign Lang Req: Tigrinya

FAS Divisional Distribution: None

Full Year Course: Divisible Course

TIGRINYA AB

Course ID: 205852
2026 Spring (4 Credits)

Elementary Tigrinya

No meeting time listed

Instructor Permission Required

John Mugane

A study of Tigrinya a major language spoken in Ethiopia at the Elementary level (First year part 2). Contact hours supplemented by language digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. This course is offered only in the Spring.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS Divisional Distribution: None

Full Year Course: Divisible Course

FAS: Meets Foreign Lang Req: Tigrinya

TIGRINYA BA

Course ID: 205887
2025 Fall (4 Credits)

Intermediate Tigrinya

No meeting time listed

Instructor Permission Required

John Mugane

A study of Tigrinya a major language spoken in Ethiopia at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Tigrinya BA in the Spring must note that Tigrinya BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS: Meets Foreign Lang Req: Tigrinya

FAS Divisional Distribution: None

Full Year Course: Divisible Course

HCOL: Foreign Lang Citation: Tigrinya

TIGRINYA BB

Intermediate Tigrinya

No meeting time listed

John Mugane

Course ID: 205855
2026 Spring (4 Credits)

Instructor Permission Required

A study of Tigrinya a major language spoken in Ethiopia at the Intermediate level (Second year part 2). Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Tigrinya BA in the Spring must note that Tigrinya BB is offered only in the Spring.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Tigrinya

Full Year Course: Divisible Course

HCOL: Foreign Lang Citation: Tigrinya

TIGRINYA 101AR

Advanced Tigrinya

No meeting time listed

John Mugane

Course ID: 205875
2025 Fall (4 Credits)

Instructor Permission Required

A study of Tigrinya a major language spoken in Ethiopia at the Advanced level in the Fall semester. As needed, successive advanced readings in Tigrinya may be taken under Tigrinya 101ar every Fall.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Tigrinya B or equivalent

FAS: Meets Foreign Lang Req: Tigrinya

HCOL: Foreign Lang Citation: Tigrinya

FAS Divisional Distribution: Arts and Humanities

TIGRINYA 101BR

Advanced Tigrinya II

No meeting time listed

John Mugane

Course ID: 205882
2026 Spring (4 Credits)

Instructor Permission Required

A study of Tigrinya a major language spoken in Ethiopia at the Advanced level in the Spring semester. As needed, successive advanced readings Tigrinya may be taken under Tigrinya 101br every Spring.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Tigrinya 101ar or equivalent.

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Tigrinya

HCOL: Foreign Lang Citation: Tigrinya

Zulu

ZULU AA

Course ID: 126316
2025 Fall (4 Credits)

Elementary Zulu

No meeting time listed

Instructor Permission Required

John Mugane

A study of Zulu a major language spoken in South Africa at the Elementary level (First year part 1). Contact hours supplemented by digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to complete both terms of this course (parts AA and AB) within the same academic year.

Course Note: Languages are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS: Meets Foreign Lang Req: Zulu

Full Year Course: Divisible Course

FAS Divisional Distribution: None

ZULU AB

Course ID: 205849
2026 Spring (4 Credits)

Elementary Zulu

No meeting time listed

Instructor Permission Required

John Mugane

A study of Zulu a major language spoken in South Africa at the Elementary level (First year part 2). Contact hours supplemented by language digital resources. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. This course is offered only in the Spring.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS Divisional Distribution: None

Full Year Course: Divisible Course

FAS: Meets Foreign Lang Req: Zulu

ZULU BA

Course ID: 205889
2025 Fall (4 Credits)

Intermediate Zulu

No meeting time listed

Instructor Permission Required

John Mugane

A study of Zulu a major language spoken in South Africa at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to complete both terms of this course (parts BA and BB) within the same academic year. Students taking Zulu BA in the Fall must note that Zulu BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Note: This course is offered only when there is demonstrated curricular and academic need on the part of the student. Please contact the African Language Program for more information. Not open to auditors.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Zulu

Full Year Course: Divisible Course

HCOL: Foreign Lang Citation: Zulu

ZULU BB

Course ID: 205861
2026 Spring (4 Credits)

Intermediate Zulu

No meeting time listed

Instructor Permission Required

John Mugane

A study of Zulu a major language spoken in South Africa at the Intermediate level (Second year part 2). Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Zulu BA in the Spring must note that Zulu BB is offered only in the Spring.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Full Year Course: Divisible Course

HCOL: Foreign Lang Citation: Zulu

FAS: Meets Foreign Lang Req: Zulu

FAS Divisional Distribution: None

ZULU 101AR

Course ID: 205879

Advanced Zulu

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

John Mugane

A study of Zulu a major language spoken in South Africa at the Advanced level in the Fall semester. As needed, successive advanced readings in Zulu may be taken under Zulu 101ar every Fall.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Zulu B or equivalent

FAS: Meets Foreign Lang Req: Zulu

HCOL: Foreign Lang Citation: Zulu

FAS Divisional Distribution: Arts and Humanities

ZULU 101BR

Course ID: 205884

Advanced Zulu II

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

John Mugane

A study of Zulu a major language spoken in South Africa at the Advanced level in the Spring semester. As needed, successive advanced reading Zulu may be taken under Zulu 101br every Spring.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

Zulu 101ar or equivalent

HCOL: Foreign Lang Citation: Zulu

FAS: Meets Foreign Lang Req: Zulu

FAS Divisional Distribution: Arts and Humanities

Gullah

GULLAH BB

Intermediate Gullah

No meeting time listed

John Mugane

Course ID: 206600
2026 Spring (4 Credits)

Instructor Permission Required

A study of Gullah, a creole language spoken by the descendants of slaves in the Sea Islands and coastal regions of Georgia, South Carolina, and Northeast Florida, at the Intermediate level. Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to take both parts of the course within the same academic year. The curriculum builds throughout the year. Students taking Gullah BA in the Spring must note that Gullah BB is offered only in the Spring.

FAS: Meets Foreign Lang Req: Gullah

Full Year Course: Divisible Course

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: GULLAH

GULLAH 101AR

Advanced Gullah

No meeting time listed

John Mugane

Course ID: 206601
2025 Fall (4 Credits)

A study of Gullah, a creole language spoken by the descendants of slaves in the Sea Islands and coastal regions of Georgia, South Carolina, and Northeast Florida, at the Advanced level. Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency.

Gullah B or equivalent

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: GULLAH

FAS: Meets Foreign Lang Req: Gullah

GULLAH 101BR

Advanced Gullah II

No meeting time listed

John Mugane

Course ID: 206602
2026 Spring (4 Credits)

Instructor Permission Required

A study of Gullah, a creole language spoken by the descendants of slaves in the Sea Islands and coastal regions of Georgia, South Carolina, and Northeast Florida, at the advanced level. Contact hours supplemented by digital resources sessions. Emphasis on written expression, reading comprehension, and oral fluency.

Gullah 101AR or equivalent

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Gullah

HCOL: Foreign Lang Citation: GULLAH

Hausa

HAUSA BA

Intermediate Hausa

No meeting time listed

John Mugane

A study of Hausa a most widely used native language and lingua franca in West Africa at the Intermediate level (Second year part 1). Contact hours supplemented by language lab sessions. Emphasis on written expression, reading comprehension, and oral fluency. Students are strongly encouraged to complete both terms of this course (parts AA and AB) within the same academic year. Students taking Hausa BA in the Spring must note that Hausa BB is offered only in the Spring and must therefore wait for Spring to complete the course.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS Divisional Distribution: None

Full Year Course: Divisible Course

FAS: Meets Foreign Lang Req: Hausa

HCOL: Foreign Lang Citation: Hausa

American Studies

American Studies

AMSTDIES 201 (1)

Methods in American Studies

T 0900 AM - 1145 AM

Philip Deloria

Course description TBA

Course Note: Required of first and second-year graduate students in American Studies and open to others by permission of the instructor.

FAS Divisional Distribution: None

AMSTDIES 314B (1)

Colloquium on Pedagogy and Professional Development

WF -

Course ID: 205188
2026 Spring (2 Credits)

Instructor Permission Required

Topics in pedagogy and professional development for third-year students in American Studies. Strongly recommended for American Studies G-3s, and open to others by permission of the instructor. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Note: Instructor and meeting time for 2018-19 to be determined.

Requires: Pre-requisite: AMSTDIES 314A

Full Year Course: Indivisible Course

FAS Divisional Distribution: None

AMSTDIES 399 (025)

Direction of Doctoral Dissertation

No meeting time listed

Imani Perry

Course ID: 124363
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

AMSTDIES 399 (1)

Direction of Doctoral Dissertation

No meeting time listed

Philip Deloria

Course ID: 124363

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

AMSTDIES 399 (10)

Direction of Doctoral Dissertation

No meeting time listed

Ju Yon Kim

Course ID: 124363

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

AMSTDIES 399 (11)

Direction of Doctoral Dissertation

No meeting time listed

Lizabeth Cohen

Course ID: 124363

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

AMSTDIES 399 (12)

Direction of Doctoral Dissertation

No meeting time listed

Jill Lepore

Course ID: 124363

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

AMSTDIES 399 (13)

Direction of Doctoral Dissertation

No meeting time listed

Joyce Chaplin

Course ID: 124363

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

AMSTDIES 399 (14)

Direction of Doctoral Dissertation

No meeting time listed

Glenda Carpio

Course ID: 124363

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

AMSTDIES 399 (2)

Direction of Doctoral Dissertation

No meeting time listed

Kenneth Mack

Course ID: 124363

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

AMSTDIES 399 (3)

Direction of Doctoral Dissertation

No meeting time listed

Stephanie Burt

Course ID: 124363

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

AMSTDIES 399 (4)

Direction of Doctoral Dissertation

No meeting time listed

Brandon Terry

Course ID: 124363

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

AMSTDIES 399 (5)

Direction of Doctoral Dissertation

No meeting time listed

Kirsten Weld

Course ID: 124363

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

AMSTDIES 399 (6)

Direction of Doctoral Dissertation

No meeting time listed

David Joselit

Course ID: 124363

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

AMSTDIES 399 (7)

Direction of Doctoral Dissertation

No meeting time listed

Robin Bernstein

Course ID: 124363

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

AMSTDIES 399 (8)

Direction of Doctoral Dissertation

No meeting time listed

Gabriela Soto Laveaga

Course ID: 124363

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

AMSTDIES 399 (9)

Direction of Doctoral Dissertation

No meeting time listed

Catherine Brekus

Course ID: 124363

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

Anthropology

Anthropology

ANTHRO 91XR

Supervised Reading and Research in Archaeology

No meeting time listed

Course ID: 123451

2025 Fall (4 Credits)

Instructor Permission Required

Special study of selected topics in archaeology, given on an individual basis and directly supervised by a member of the department. May be taken for a letter grade or pass/fail. To enroll, a student must submit a petition form (available from the Head Tutor for Archaeology or downloadable from the department's Anthropology[Archaeology] website), signed by the adviser with whom he or she wishes to study, and a proposed plan of study.

FAS Divisional Distribution: Social Sciences

ANTHRO 91XR

Supervised Reading and Research in Archaeology

No meeting time listed

Course ID: 123451

2026 Spring (4 Credits)

Instructor Permission Required

Special study of selected topics in archaeology, given on an individual basis and directly supervised by a member of the department. May be taken for a letter grade or pass/fail. To enroll, a student must submit a petition form (available from the Head Tutor for Archaeology or downloadable from the department's Anthropology[Archaeology] website), signed by the adviser with whom he or she wishes to study, and a proposed plan of study.

FAS Divisional Distribution: Social Sciences

ANTHRO 91ZR

Supervised Reading and Research in Social Anthropology

No meeting time listed

Damina Khaira

Course ID: 123453

2025 Fall (4 Credits)

Instructor Permission Required

Special study of selected topics in Anthropology, given on an individual basis and directly supervised by a member of the Department. May be taken for a letter grade or Pass/Fail. To enroll, a student must submit to the Anthropology Undergraduate Office, Tozzer 103B, a course form signed by the adviser under whom s/he wishes

to study and a proposed plan of study. Anthro 91zr form available from the Undergrad Office, or the department website.

Course Note: This course is offered via the Social Anthropology track within Anthropology.

FAS Divisional Distribution: Social Sciences

ANTHRO 91ZR

Supervised Reading and Research in Social Anthropology

No meeting time listed

Damina Khaira

Special study of selected topics in Anthropology, given on an individual basis and directly supervised by a member of the Department. May be taken for a letter grade or Pass/Fail. To enroll, a student must submit to the Anthropology Undergraduate Office, Tozzer 103B, a course form signed by the adviser under whom s/he wishes to study and a proposed plan of study. Anthro 91zr form available from the Undergrad Office, or the department website.

Course Note: This course is offered via the Social Anthropology track within Anthropology.

FAS Divisional Distribution: Social Sciences

ANTHRO 92XR

Archaeological Research Methods in Museum Collections

No meeting time listed

Damina Khaira

Special (individual) study of Peabody Museum (PM) collections approved by the PM Director and directly supervised by a member of the PM curatorial staff. Requires a project involving a museum collection developed in consultation with the supervisor.

Course Note: Must be taken for a letter grade. Priority given to students in Anthropology and related departments. To enroll, submit a petition form (available on the Anthropology [Archaeology] website), signed by the supervisor, the PM Director, and the Head Tutor for Archaeology and including a proposed research agenda, preferably during the term preceding the term of enrollment. See the Head Tutor for Archaeology or members of the Peabody Museum curatorial staff for more information.

FAS Divisional Distribution: Social Sciences

ANTHRO 92XR

Archaeological Research Methods in Museum Collections

No meeting time listed

Damina Khaira

Special (individual) study of Peabody Museum (PM) collections approved by the PM Director and directly supervised by a member of the PM curatorial staff. Requires a project involving a museum collection developed in consultation with the supervisor.

Course Note: Must be taken for a letter grade. Priority given to students in Anthropology and related departments. To enroll, submit a petition form (available on the Anthropology [Archaeology] website), signed by the supervisor, the PM Director, and the Head Tutor for Archaeology and including a proposed research agenda, preferably during the term preceding the term of enrollment. See the Head Tutor for Archaeology or members of the Peabody Museum curatorial staff for more information.

FAS Divisional Distribution: Social Sciences

ANTHRO 92ZR

Social Anthropology Research Methods in Museum Collections

No meeting time listed

Damina Khaira

Special (individual) study of Peabody Museum collections directly supervised by a faculty member and a member of the curatorial staff. Requires a project involving a Harvard Museum collection, developed in

Course ID: 123453

2026 Spring (4 Credits)

Instructor Permission Required

Course ID: 123454

2025 Fall (4 Credits)

Instructor Permission Required

Course ID: 123454

2026 Spring (4 Credits)

Instructor Permission Required

Course ID: 123455

2025 Fall (4 Credits)

Instructor Permission Required

consultation with the supervisors.

Course Note: Must be taken for a letter grade. Priority given to students in Anthropology and related departments

FAS Divisional Distribution: Social Sciences

ANTHRO 92ZR

Social Anthropology Research Methods in Museum Collections

Course ID: 123455
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Damina Khaira

Special (individual) study of Peabody Museum collections directly supervised by a faculty member and a member of the curatorial staff. Requires a project involving a Harvard Museum collection, developed in consultation with the supervisors.

Course Note: Must be taken for a letter grade. Priority given to students in Anthropology and related departments

FAS Divisional Distribution: Social Sciences

ANTHRO 97X

Sophomore Tutorial in Archaeology

Course ID: 113567
2026 Spring (4 Credits)

W 0900 AM - 1145 AM

Instructor Permission Required

Amy Clark

This course will focus on archaeological thinking, the cognitive skeleton of the discipline of archaeology, the principles and the logic that are the foundation of all archaeological conclusions and research. Central to this is an understanding of research design, archaeological theory and interpretation, culture and material culture; as well as an understanding of how to examine and construct an archaeological argument.

FAS Divisional Distribution: Social Sciences

ANTHRO 97Z

Sophomore Tutorial in Social Anthropology

Course ID: 143028
2026 Spring (4 Credits)

TR 1030 AM - 1145 AM

Instructor Permission Required

Malavika Reddy

This course is designed to introduce undergraduate students to social/cultural theory in light of anthropological methods, arguments, concerns, and writing. As a discipline, anthropology is rooted in conveying and theorizing the particularities of lived social realities—which are often messy, complex, and unruly. On the other hand, social theory tends to provide a more abstract, though still empirically grounded, analytical framework, concepts, and theories about the nature of social life, the body, power, the economy, etc. While this class will introduce students to bodies of theory that have been particularly influential in anthropology, this course does not offer a general survey of social theory. The course seeks primarily to train students to learn how to read and write about theory in light of anthropological concerns, writing, and ethnography that you will come across in your concentration.

Course Note: Required of all concentrators. Weekly 2-hour sections to be arranged.

FAS Divisional Distribution: Social Sciences

ANTHRO 98A

Junior Tutorial in Anthropology

Course ID: 205494
2025 Fall (4 Credits)

M 1200 PM - 0115 PM

Instructor Permission Required

Damina Khaira

ANTHRO 98a is a research design course: geared towards guiding and developing an anthropological research project that you are curious and passionate about. We will read, discuss and consider case studies that reflect lived experiences from diverse communities and contexts across a variety of topics and frameworks within the discipline. As we walk through on-the-ground and recorded examples of ethnographic/ archaeological research, we will explore and compare different approaches in identifying research problems, conducting research, and writing anthropologically. We will also read latest works produced by departmental faculty, including your Tutor, to get a sense of the range of topics, questions, and new methods that are possible in anthropological research.

This course also offers you a space to then apply what you have learned through designing your projects and sharing your research goals, experiences, and components of your emerging work with peers for feedback. Through structured assignments, seminar workshops, discussions with invited faculty and regular individual meetings with instructors, you will produce an original anthropological essay based on your research over the course of the semester. In short, this course will arm you with the critical tools to start thinking about your own independent research project. Please note that the research project you start to brainstorm in this course does not have to be your Senior Thesis project. In other words, your chosen research topic for this semester is only for the purposes of this course, and you are not confined to this research topic beyond this semester, although you can certainly continue to pursue this same research topic. As part of this course, you will be asked to reach out to at least one departmental faculty member to discuss the direction and feasibility of your research ideas. Please note that this course has a weekly 1.5 hour course meeting that is complemented with 1 hour tutorial/section meetings with your Tutor.

Course Note: Required of all concentrators in Anthropology.

FAS Divisional Distribution: Social Sciences

ANTHRO 98B

Junior Tutorial for Thesis Writers in Anthropology

No meeting time listed

Damina Khaira

Course ID: 205522
2026 Spring (4 Credits)

Instructor Permission Required

This individual tutorial is for anthropology students intending to write a senior thesis, and is normally undertaken with an advanced graduate student during the second term of junior year. Students will have weekly meetings with the project advisor for the purposes of developing the appropriate background research on theoretical, thematic, regional, and methodological literature relevant to their thesis topic, and fully refining their summer research proposal. The tutorial's final paper will be comprised of a research proposal representing the research undertaken during the semester.

FAS Divisional Distribution: Social Sciences

ANTHRO 99A

Thesis Tutorial in Anthropology - Senior Year

No meeting time listed

Damina Khaira

Course ID: 205184
2025 Fall (4 Credits)

Instructor Permission Required

This is a full year research and writing seminar limited to senior honors candidates. The course is intended to provide students with practical guidance and advice during the thesis writing process through structured assignments and peer feedback on work-in-progress. It is intended to supplement not replace faculty thesis advising (with the requirement of consulting regularly with the advisor built into the assignments) and, most importantly, allow students to share their work and experiences with other thesis writers in a collegial and supportive environment. The seminar will be run jointly by the Department of Anthropology Assistant Director of Undergraduate Studies and the Writing Tutor. Part one of a two part series.

Full Year Course: Divisible Course

FAS Divisional Distribution: Social Sciences

ANTHRO 99B

Thesis Tutorial in Anthropology - Senior Year

No meeting time listed

Damina Khaira

Course ID: 205185
2026 Spring (4 Credits)

Instructor Permission Required

This is a full year research and writing seminar limited to senior honors candidates. The course is intended to provide students with practical guidance and advice during the thesis writing process through structured assignments and peer feedback on work-in-progress. It is intended to supplement not replace faculty thesis advising (with the requirement of consulting regularly with the advisor built into the assignments) and, most importantly, allow students to share their work and experiences with other thesis writers in a collegial and supportive environment. The seminar will be run jointly by the Department of Anthropology Assistant Director of Undergraduate Studies and the Writing Tutor. Part two of a two-part series.

Requires: Prerequisite Anthro 99A

Full Year Course: Divisible Course

ANTHRO 1130

Archaeology of Harvard Yard

R 1200 PM - 0245 PM

Diana Loren, Patricia Capone

Course ID: 121141
2025 Fall (4 Credits)

Instructor Permission Required

Archaeological data recovered from Harvard Yard provide a richer and more nuanced view of the 17th through 19th century lives of students, faculty, and community in Harvard Yard. Students will excavate in Harvard Yard, process and analyze artifacts, and report on the results. Additional topics to be covered include regional historical archaeology, research design, documentation, archival research, stratigraphy, and artifact analysis.

FAS Divisional Distribution: Social Sciences

ANTHRO 1131

Archaeology of Harvard Yard II: Laboratory Methods and Analysis

R 1200 PM - 0245 PM

Diana Loren, Patricia Capone

Course ID: 123195
2026 Spring (4 Credits)

Instructor Permission Required

Open to students who participated in the fall term investigations in Harvard Yard, this course focuses on the detailed analysis of the materials recovered in the excavations, within the context of archival and comparative archaeological and historical research. The analysis will also include an evaluation of the results of the ground-penetrating radar surveys conducted prior to the excavations, as part of the research design for the next season of investigations.

Anthropology 1130, Archaeology of Harvard Yard.

FAS Divisional Distribution: Social Sciences

ANTHRO 1232

Archaeology of the African Holocene

T 0900 AM - 1145 AM

Shayla Monroe

Course ID: 224347
2025 Fall (4 Credits)

Survey of African Archaeology from 12,000 BCE to present.

FAS Divisional Distribution: Social Sciences

ANTHRO 1255

Human Diet: From Neanderthals to the Future of Food

MW 0300 PM - 0415 PM

Christina Warinner

Course ID: 212875
2025 Fall (4 Credits)

This course surveys the evolution of human diet, from the foods of our earliest ancestors to the contents of today's supermarkets. We'll cover the definition of food, human nutritional requirements, major dietary transitions and food innovations in human history, the roots of world cuisine, the modern food industry, and current and future food challenges.

FAS Divisional Distribution: Social Sciences

ANTHRO 1475

Religious Dimensions in Human Experience: Apocalypse, Home, Medicine, Music, Sacrifice, Sports

TR 1030 AM - 1145 AM

David L. Carrasco

Course ID: 219708
2025 Fall (4 Credits)

What is Religion? Why does it show up everywhere? Using archaeology, religious studies and social thought,

this course will study the major themes in the history of religions including 'encountering the holy', 'sports' and 'ritual', 'crossing borders', 'sacrifice as creation', 'pilgrimage and sacred place', 'suffering and quest for wisdom', 'music and social change', 'violence and cosmic law'. Readings from Native American, African American, Latinx/+, Jewish, Buddhist, Christian, Hindu traditions. Focus on the tension between individual encounters with the holy and the social construction of religion. Readings from Gloria Anzaldua, Toni Morrison, Judith Sherman, Arthur Kleinman, Popul Vuj, Mircea Eliade, Michael D. Jackson. Jointly offered in the Faculty of Arts and Sciences as Anthropology 1475 and Religion 16.

FAS Divisional Distribution: Arts and Humanities

ANTHRO 1602

Introduction to Sociocultural Anthropology

MW 1030 AM - 1145 AM

Nicholas Harkness

This course introduces undergraduate students to the discipline of Sociocultural Anthropology. Lectures will develop and explain sociocultural anthropology's central questions and discoveries, concepts and innovations, methods and theories, placing each in their historical and political context. The course will give special attention to two distinctive, interrelated, and sometimes controversial features of the discipline within the social sciences: culture as a foundational concept for social analysis, and ethnography as a foundational research method and mode of social representation.

FAS Divisional Distribution: Social Sciences

Course ID: 224348

2025 Fall (4 Credits)

ANTHRO 1603

Law and Its Limits

W 0300 PM - 0545 PM

Malavika Reddy

We often talk about the power of law to shape our worlds but what about its powerlessness? An axiom of contemporary life is that societies need law to address social, political and environmental ills. Yet, in the face of entrenched problems, law often appears impotent or, worse, detrimental. This course grapples with the simultaneous hunger for and weakness of law, its power and its powerlessness, by guiding students through an exploration of the following questions. What is the relation between law and violence? How does legal process transform conflict and define the terms of its resolution? Can law restrain arbitrary power? How, why and to whose benefit or expense is the legal posed as an answer to political and social problems? The course will seek answers to these questions via an engagement with the ethnographic – close readings of a variety of judicial processes -- and the theoretical. In so doing, the course will be guided by two objectives: 1. to compile a toolkit of methods and concepts with which social scientists have studied law and 2. to trouble commonsense pieties about law and its place in social life.

FAS Divisional Distribution: Social Sciences

Course ID: 215111

2025 Fall (4 Credits)

Instructor Permission Required

ANTHRO 1610

Ethnographic Research Methods

R 1200 PM - 0245 PM

Anthropology is defined by its unique approach to the study of human subjects through what we call "ethnographic methods." This course, required for undergraduate anthropology concentrators at Harvard, will use the genre of ethnography (texts—written, visual, etc—produced by anthropologists) to discover how anthropologists have approached various social phenomena throughout the history of the discipline. In doing so, we grapple with the legacy of anthropology's colonial past to understand questions of power and knowledge production in social anthropological thought. The texts chosen for this course both give insight into the history of the discipline and the wide variety of human (and non-human) existence that anthropologists have written about, with particular attention to pressing ethical questions in contemporary debates in social anthropology. Additionally, the texts chosen represent a variety of writing styles, theoretical approaches, and worldviews that introduce you to the exciting breadth of this ambitious discipline, which strives to give a holistic analysis of what it means to be human. The course consists of one lecture/seminar meeting a week plus a required section with a Teaching Fellow.

Course Note: Open to undergraduates only.

Course ID: 119379

2025 Fall (4 Credits)

Instructor Permission Required

ANTHRO 1691

Mobility in Asia

M 0300 PM - 0545 PM

Course ID: 226247
2025 Fall (4 Credits)

How does movement reshape our understanding of contemporary Asia? What happens when we shift our gaze from fixed places to flows of people, ideas, and things? In this introductory-level class in sociocultural anthropology, we explore how mobility creates new social landscapes across the region. Through anthropological methods—especially immersive fieldwork and ethnographic writing—we will examine how historical patterns of migration and present-day movements are shaped by structural dynamics of colonialism, late capitalism, labor markets, trade networks, and supply chains. Through ethnographic encounters that reveal the complexity of mobility: from maritime trade in the Indian Ocean to domestic workers in Singapore, from transnational mothers in Filipino families to Islamic networks in Southeast China, from Persian rug merchants to Japanese-Philippine solidarity trade. Through these examples, we explore how restrictive policies create new regimes of (im)mobility and forms of nationalism, while also examining the lived experiences of individuals and families involved in transnational lives. The seminar guides students through key themes including physical geography, commodity chains, religious networks, and logistics systems. At the end of the class, students will develop conceptual tools to examine the mechanics of mobility, equipping them to address the pivotal questions emerging from our increasingly interconnected world.

The instructor for this course will be Prof. Ping-hsiu Alice Lin.

ANTHRO 1829

Health Science and the "Replication Crisis": Anthropological Perspectives

R 0300 PM - 0545 PM

Lindsey Zeve

Course ID: 226565
2025 Fall (4 Credits)

Instructor Permission Required

Over the last two decades, health scientists have grown increasingly concerned about a perceived methodological crisis centered on the reliable replication of research findings—a crisis exacerbated by growing public mistrust in science, which reached a fever pitch in the wake of the global COVID-19 pandemic. This seminar draws on anthropological perspectives to examine critically what has come to be known as the "replication crisis" in health science. Framing the crisis both as a moment of danger and of radical possibility, together we will explore how debates over replication illuminate deeper questions regarding the nature, stakes, and commitments of health science and its objects of study, as mediated through themes of representation, causality, error, epistemic virtue, risk, uncertainty, and objectivity. In doing so, we will consider how scientific authority is constructed and contested; how the replication crisis affects public trust, lay participation, and broader engagements with health and science; and unexpected opportunities the crisis may present to advance the cause of health equity. Through ethnographic readings, case studies, and interdisciplinary scholarship, students will analyze the drivers of the crisis and consider its implications for the future of scientific knowledge-making and health care delivery.

ANTHRO 1831

The Voice

T 1200 PM - 0245 PM

Nicholas Harkness

Course ID: 226246
2025 Fall (4 Credits)

What is the voice? Where is the voice? Whose voice is it? This course is an exploration of the way different scholarly disciplines, thought traditions, and cultural systems have oriented to the human voice. We will consider the voice as, among other things, an object, a medium, a concept, a metaphor, and a philosophical problem. The voice will take us to the linguistics of speech, the aesthetics of song and musical composition, the anatomy and evolution of the human throat, the stylistics and narrative of literature and storytelling, technologies of speech recognition and artificial production, the structures of political participation and activism, the rituals of spiritual contact and possession, the expressive dimensions of social identity, the interior dimensions of selfhood, and the circulating media of global social life. Seminar meetings will consist of a combination of lecture, class discussion, student presentations, and media analysis. No special background is required—only a willingness to read widely across scholarly paradigms, listen very carefully, and engage with the full complexity of the topic.

ANTHRO 1836AR

Sensory Ethnography 1

No meeting time listed

Lucien Castaing-Taylor

Course ID: 156390
2026 Spring (4 Credits)

Instructor Permission Required

An introduction to "sensory ethnography," a media practice that seeks to rejuvenate and innovate in visual anthropology, cinema, and art. Students will learn to record and edit video and audio to produce original media works about embodied experience, culture, ecology, political-economy, and history. This is a year-long course that supports students' independent projects through the summer and the following semester.

Course Note: This course is also offered as AFVS 158AR.

*Students are strongly encouraged to enroll in ANTHRO 1836BR, Sensory Ethnography 2.
No previous studio experience necessary.*

FAS Divisional Distribution: Arts and Humanities

ANTHRO 1836BR

Sensory Ethnography 2

No meeting time listed

Lucien Castaing-Taylor

Course ID: 122149
2026 Spring (4 Credits)

Instructor Permission Required

An introduction to "sensory ethnography," a media practice that seeks to rejuvenate and innovate in visual anthropology, cinema, and art. Students will learn to record and edit video and audio to produce original media works about embodied experience, culture, ecology, political-economy, and history. This is a year-long course that supports students' independent projects through the summer and the following semester.

Course Note: This is also offered as AFVS 158BR.

*Students are strongly encouraged to enroll in ANTHRO 1836AR, Sensory Ethnography 1.
No previous studio experience necessary.*

FAS Divisional Distribution: Arts and Humanities

ANTHRO 1839

Audio in Multimodal Practice

No meeting time listed

Course ID: 215955
2026 Spring (4 Credits)

Instructor Permission Required

This experimental, practice-based course presents an opportunity for students engaged in audiovisual work, whether in the (overlapping) contexts of media anthropology, critical media practice, film, or art, to focus primarily on the sonic aspects of their experiments in nonfiction, and to gain experience in working with audio in conjunction with other media. Modes of practice will include audio recording, sound design, editing, and postproduction. We will begin by examining the rubric of "multimodality" in the context of anthropology, and its ethical implications and possibilities for approaches to sensory ethnography. Projects will ideally be ones already underway by each student, and will also include opportunities for collaboration with fellow students. Through readings and listening sessions (or "screenings") we will also listen beyond the academy to experiments in other domains, including sound art, ethnographic film, and other nonfiction media practices. The course seeks to problematize, perhaps even undermine, and reformulate ideas and practices which combine audio with moving image or other media. Aesthetics and ethics, theory and technique, concept and practice are interwoven at every level in multimodal work, and so this course will combine technical workshops with working through conceptual and theoretical motivations and implications of the work throughout the semester. Rather than taking up conventions or formulae, the course will provide a space for experimentation, to reconsider possibilities in an expanded sense of nonfiction for relationships between audio and image, text, or other media.

The instructor for this course will be Ernst Karel.

FAS Divisional Distribution: Arts and Humanities

Counseling as Colonization?

M 1200 PM - 0245 PM

Instructor Permission Required
Joseph Gone

American Indian, First Nations, and other Indigenous communities of the USA and Canada contend with disproportionately high rates of "psychiatric" distress. Many of these communities attribute this distress to their long colonial encounters with European settlers. Concurrently, throughout the 20th century, the disciplines and professions associated with mind, brain, and behavior (e.g., psychiatry, psychoanalysis, psychology) consolidated their authority and influence within mainstream society. These "psy-ences" promote their professional practices (e.g., diagnosis, psychotherapy) as plausible remedies for Indigenous social suffering, but many Indigenous communities remain skeptical of—and resistant to—these clinical approaches, primarily for cultural and political reasons. In this seminar, we will consider whether and how the concepts, categories, tools, and techniques of the mental health professions might be appropriately adapted and/or adopted for use with Indigenous communities in an increasingly globalized world. In recognition of the (post)colonial status of these populations, we will attend closely to alterNative cultural and spiritual approaches that have been identified and promoted by Indigenous people themselves as conducive to healing and wellness. This course is designed for upper-level undergraduate students interested in medical anthropology, professional psychology, pre-medicine, Indigenous studies, and related social and health sciences. Students will participate in regular seminar discussions, write routine responses to assigned readings, and submit major independent research papers addressed to the promotion of Indigenous well-being. Student engagement and exchange during class is essential, so routine attendance and participation are expected throughout the semester.

FAS Divisional Distribution: Social Sciences

Catastrophes across Cultures: The Anthropology of Disaster

MW 0130 PM - 0245 PM

What is the relationship between "catastrophe" and human beings, and how has "catastrophe" influenced the way we live in the world now? This course investigates various types of catastrophes/disasters (i.e., earthquakes, tsunamis, hurricanes, oil and chemical spills, wars, nuclear disasters, climate change, etc.) around the world (Chernobyl, England, India, Haiti, Japan, Lisbon, New Zealand, U.S., etc.) by mobilizing a variety of theoretical frameworks and case studies in the social sciences. The course uses an anthropological perspective as its principal lens to comparatively observe often forgotten historical calamities worldwide. The course is designed to explore the intersection between catastrophe and culture and how catastrophic events can be a window through which to analyze society critically and vice versa.

The instructor for this course will be Prof. Ryo Morimoto.

FAS Divisional Distribution: Social Sciences

Zooarchaeology

MW 1030 AM - 1145 AM

Shayla Monroe

Laboratory course on the fundamentals of faunal analysis, including skeletal anatomy, species identification, acquisition and quantification of primary and secondary osteological data, and interpretation of data using zooarchaeological theory and ethnoarchaeological case studies /experimental archaeology.

FAS Divisional Distribution: Social Sciences

GIS & Spatial Analysis In Archaeology
No meeting time listed
Instructor Permission Required
Jason Ur

An introduction to the GIS and remote sensing methods used by archaeologists to document and analyze datasets at the scale of the site and the region. This class will involve the hands-on use of printed maps, aerial photography, satellite imagery, digital terrain models, GPS-based observations, and UAV (drone) photogrammetry to approach archaeological research questions. Students will gain competence in creating

spatial data for fieldwork, print publication, and online visualization (web maps and 3D modeling), and in basic spatial analysis of archaeological datasets. Labs will use data from the instructor's Middle Eastern case studies, but students will be responsible for assembling a GIS database for their own region of interest.

FAS Divisional Distribution: Social Sciences

ANTHRO 2061

Advanced Archaeological Science

Course ID: 221673
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Christina Warinner

ANTHRO 2061 is an advanced Archaeological Science. Students enrolling in ANTHRO 2061 are expected to have completed the course ANTHRO 1060 or an equivalent course. ANTHRO 2061 offers the opportunity for graduate students and advanced undergraduates to gain hands-on practical experience in archaeological science laboratory methods. Students will undertake an independent bimolecular archaeological science project over the semester which will involve wet chemistry laboratory work, data analysis, and interpretation of the results in an archaeological context. In addition, students will learn the basis of drafting a project proposal, keeping laboratory notebooks, and writing a scientific grant or article.

Students enrolling in ANTHRO 2061 are expected to have completed the course ANTHRO 1060 or an equivalent course.

FAS Divisional Distribution: Social Sciences

ANTHRO 2070

Archaeological Method and Theory: Seminar

Course ID: 120489
2025 Fall (4 Credits)

R 0900 AM - 1145 AM

Rowan Flad

This graduate-level seminar considers the varied ways in which archaeologists make inferences about human behavior from the archaeological record. The course will review the principal interpretive frameworks that influence archaeological practice in the Anglo-American world. Beginning with an overview of major debates in the discipline during the past half-century, Anthro 2070 will go on to consider diverse topics that provide the foundation for the field of archaeology today. The intent is to provide graduate students with a solid foundation in archaeological theory, resulting in an ability to understand, critically assess, and contribute to debates concerning the construction of contemporary archaeological discourse.

Course Note: Required of graduate students in the Archaeology Program of Anthropology; this class is designed for graduate students but enthusiastic and energetic undergraduates are most welcome.

FAS Divisional Distribution: Social Sciences

ANTHRO 2413

Comparative Human Ecologies

Course ID: 226245
2025 Fall (4 Credits)

M 0900 AM - 1145 AM

Shayla Monroe

This course surveys of wide variety approaches to ecological studies in Africa and places them in dialogue with paleoecology and environmental archaeology. We will interrogate the relationships between the following approaches: Ecology in Africa (as an academic discipline), Indigenous Ecological Knowledge in Africa, Paleoecology and Paleoclimatology, Cultural Ecology and Human Behavioral Ecology, Political Ecology, Historical Ecology, De-colonial Ecology and Feminist Ecology. While the geographic focus of the course leans heavily towards African peoples and places, the theoretical scope should be useful to student interest in human-environmental studies anywhere in the world.

FAS Divisional Distribution: Social Sciences

ANTHRO 2722

Sonic Ethnography

Course ID: 108976
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

This is a practice-based course in which students record, edit, and produce anthropologically informed audio works. Students will select a local 'site' where they can safely spend time throughout semester, and where the basic activity of research is stereo audio recording. Given our current spatial dispersion, this semester the focus will be on composing specifically for headphones. Over the course of the semester, listening sessions will provide a broad context of contemporary work using location recordings, and readings will situate the practice in relation to adjacent currents. In their projects, students will experiment with technical and conceptual strategies of recording and composition as they engage with questions of ethnographic representation through the medium of audio.

The instructor for this course will be Ernst Karel.

Experience in media production helpful but not required.

FAS Divisional Distribution: Arts and Humanities

ANTHRO 2797

Theory and Practice of Social Medicine

W 1200 PM - 0245 PM

Salmaan Keshavjee

Course ID: 218184
2025 Fall (4 Credits)

Instructor Permission Required

Social medicine is a field of study and practice that uses insights from the social sciences to improve medical theory and the delivery of health care. This course will explore the historical foundations of social medicine in the 19th and 20th centuries in Europe, Latin America, Asia, Africa, and North America. It will then examine case studies of social medicine in the contemporary world that confront the challenges of post-colonialism, neoliberalism, racism, and care-giving.

Course Note: Advanced undergraduates welcome

FAS Divisional Distribution: Social Sciences

ANTHRO 3000

Supervised Reading Course

No meeting time listed

Anya Bernstein

Course ID: 113022
2025 Fall (4 Credits)

Instructor Permission Required

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000

Supervised Reading Course

No meeting time listed

Anya Bernstein

Course ID: 113022
2026 Spring (4 Credits)

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (003)

Supervised Reading Course

No meeting time listed

David L. Carrasco

Course ID: 113022
2025 Fall (4 Credits)

Instructor Permission Required

Special reading in selected topics under the direction of members of the Department. Individual work. Must be

arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (003)

Supervised Reading Course

No meeting time listed

David L. Carrasco

Course ID: 113022

2026 Spring (4 Credits)

Instructor Permission Required

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (004)

Supervised Reading Course

No meeting time listed

Lucien Castaing-Taylor

Course ID: 113022

2025 Fall (4 Credits)

Instructor Permission Required

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (004)

Supervised Reading Course

No meeting time listed

Lucien Castaing-Taylor

Course ID: 113022

2026 Spring (4 Credits)

Instructor Permission Required

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (005)

Supervised Reading Course

No meeting time listed

Steven C. Caton

Course ID: 113022

2026 Spring (4 Credits)

Instructor Permission Required

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (007)

Course ID: 113022
2025 Fall (4 Credits)

Supervised Reading Course

No meeting time listed

Instructor Permission Required

Bill Fash

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (007)

Course ID: 113022
2026 Spring (4 Credits)

Supervised Reading Course

No meeting time listed

Instructor Permission Required

Bill Fash

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (008)

Course ID: 113022
2026 Spring (4 Credits)

Supervised Reading Course

No meeting time listed

Instructor Permission Required

Rowan Flad

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (009)

Course ID: 113022
2026 Spring (4 Credits)

Supervised Reading Course

No meeting time listed

Instructor Permission Required

Joseph Gone

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (010)

Course ID: 113022
2025 Fall (4 Credits)

Supervised Reading Course

No meeting time listed

Instructor Permission Required

Byron Good

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (010)

Supervised Reading Course

Course ID: 113022
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Byron Good

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (011)

Supervised Reading Course

Course ID: 113022
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Nicholas Harkness

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (011)

Supervised Reading Course

Course ID: 113022
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Nicholas Harkness

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (012)

Supervised Reading Course

Course ID: 113022
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Arthur Kleinman

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (012)

Course ID: 113022
2026 Spring (4 Credits)

Supervised Reading Course

No meeting time listed

Instructor Permission Required

Arthur Kleinman

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (013)

Course ID: 113022
2025 Fall (4 Credits)

Supervised Reading Course

No meeting time listed

Instructor Permission Required

Matt Liebmann

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (013)

Course ID: 113022
2026 Spring (4 Credits)

Supervised Reading Course

No meeting time listed

Instructor Permission Required

Matt Liebmann

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (014)

Course ID: 113022
2025 Fall (4 Credits)

Supervised Reading Course

No meeting time listed

Instructor Permission Required

Peter Manuelian

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (014)

Course ID: 113022
2026 Spring (4 Credits)

Supervised Reading Course

No meeting time listed

Instructor Permission Required

Peter Manuelian

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (017)

Supervised Reading Course

Course ID: 113022
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Michael J. Puett

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (017)

Supervised Reading Course

Course ID: 113022
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Michael J. Puett

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (018)

Supervised Reading Course

Course ID: 113022
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Malavika Reddy

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (019)

Supervised Reading Course

Course ID: 113022
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Christina Warinner

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (020)

Course ID: 113022
2025 Fall (4 Credits)

Supervised Reading Course

No meeting time listed

Instructor Permission Required

Jason Ur

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (020)

Course ID: 113022
2026 Spring (4 Credits)

Supervised Reading Course

No meeting time listed

Instructor Permission Required

Jason Ur

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (021)

Course ID: 113022
2025 Fall (4 Credits)

Supervised Reading Course

No meeting time listed

Instructor Permission Required

Malavika Reddy

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (022)

Course ID: 113022
2026 Spring (4 Credits)

Supervised Reading Course

No meeting time listed

Instructor Permission Required

Christina Warinner

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (023)

Course ID: 113022
2025 Fall (4 Credits)

Supervised Reading Course

No meeting time listed

Instructor Permission Required

E. Gabriella Coleman

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (023)

Supervised Reading Course

Course ID: 113022
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

E. Gabriella Coleman

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (08)

Supervised Reading Course

Course ID: 113022
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Rowan Flad

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (09)

Supervised Reading Course

Course ID: 113022
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Joseph Gone

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (10)

Supervised Reading Course

Course ID: 113022
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Shayla Monroe

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3000 (11)

Course ID: 113022

Supervised Reading Course

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Amy Clark

Special reading in selected topics under the direction of members of the Department. Individual work. Must be arranged with a professor listed under Anthropology 3000. Requires written work; it involves meetings as arranged between professor and graduate student.

Course Note: Consult the appropriate member of the Department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3001

Course ID: 116603

Reading for Social Anthropology Qualifying Examination

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Anya Bernstein

Individual reading in preparation for the Qualifying Examination for the PhD degree. It involves meetings as arranged between professor and graduate student.

Course Note: Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3001

Course ID: 116603

Reading for Social Anthropology Qualifying Examination

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Anya Bernstein

Individual reading in preparation for the Qualifying Examination for the PhD degree. It involves meetings as arranged between professor and graduate student.

Course Note: Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3001 (003)

Course ID: 116603

Reading for Social Anthropology Qualifying Examination

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Lucien Castaing-Taylor

Individual reading in preparation for the Qualifying Examination for the PhD degree. It involves meetings as arranged between professor and graduate student.

Course Note: Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3001 (003)

Course ID: 116603

Reading for Social Anthropology Qualifying Examination

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Lucien Castaing-Taylor

Individual reading in preparation for the Qualifying Examination for the PhD degree. It involves meetings as arranged between professor and graduate student.

Course Note: Restricted to candidates for the PhD degree and ordinarily to those who have completed at least

one year in residence.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3001 (004)

Course ID: 116603

Reading for Social Anthropology Qualifying Examination

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Steven C. Caton

Individual reading in preparation for the Qualifying Examination for the PhD degree. It involves meetings as arranged between professor and graduate student.

Course Note: Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3001 (006)

Course ID: 116603

Reading for Social Anthropology Qualifying Examination

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Joseph Gone

Individual reading in preparation for the Qualifying Examination for the PhD degree. It involves meetings as arranged between professor and graduate student.

Course Note: Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3001 (006)

Course ID: 116603

Reading for Social Anthropology Qualifying Examination

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Joseph Gone

Individual reading in preparation for the Qualifying Examination for the PhD degree. It involves meetings as arranged between professor and graduate student.

Course Note: Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3001 (007)

Course ID: 116603

Reading for Social Anthropology Qualifying Examination

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Byron Good

Individual reading in preparation for the Qualifying Examination for the PhD degree. It involves meetings as arranged between professor and graduate student.

Course Note: Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3001 (007)

Course ID: 116603
2026 Spring (4 Credits)

Reading for Social Anthropology Qualifying Examination

No meeting time listed

Instructor Permission Required

Byron Good

Individual reading in preparation for the Qualifying Examination for the PhD degree. It involves meetings as arranged between professor and graduate student.

Course Note: Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3001 (008)

Course ID: 116603
2025 Fall (4 Credits)

Reading for Social Anthropology Qualifying Examination

No meeting time listed

Instructor Permission Required

Nicholas Harkness

Individual reading in preparation for the Qualifying Examination for the PhD degree. It involves meetings as arranged between professor and graduate student.

Course Note: Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3001 (008)

Course ID: 116603
2026 Spring (4 Credits)

Reading for Social Anthropology Qualifying Examination

No meeting time listed

Instructor Permission Required

Nicholas Harkness

Individual reading in preparation for the Qualifying Examination for the PhD degree. It involves meetings as arranged between professor and graduate student.

Course Note: Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3001 (009)

Course ID: 116603
2025 Fall (4 Credits)

Reading for Social Anthropology Qualifying Examination

No meeting time listed

Instructor Permission Required

Arthur Kleinman

Individual reading in preparation for the Qualifying Examination for the PhD degree. It involves meetings as arranged between professor and graduate student.

Course Note: Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3001 (009)

Course ID: 116603
2026 Spring (4 Credits)

Reading for Social Anthropology Qualifying Examination

No meeting time listed

Instructor Permission Required

Arthur Kleinman

Individual reading in preparation for the Qualifying Examination for the PhD degree. It involves meetings as arranged between professor and graduate student.

Course Note: Restricted to candidates for the PhD degree and ordinarily to those who have completed at least

one year in residence.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3001 (011)

Course ID: 116603

Reading for Social Anthropology Qualifying Examination

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Michael J. Puett

Individual reading in preparation for the Qualifying Examination for the PhD degree. It involves meetings as arranged between professor and graduate student.

Course Note: Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3001 (011)

Course ID: 116603

Reading for Social Anthropology Qualifying Examination

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Michael J. Puett

Individual reading in preparation for the Qualifying Examination for the PhD degree. It involves meetings as arranged between professor and graduate student.

Course Note: Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3001 (012)

Course ID: 116603

Reading for Social Anthropology Qualifying Examination

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Malavika Reddy

Individual reading in preparation for the Qualifying Examination for the PhD degree. It involves meetings as arranged between professor and graduate student.

Course Note: Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3001 (014)

Course ID: 116603

Reading for Social Anthropology Qualifying Examination

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Malavika Reddy

Individual reading in preparation for the Qualifying Examination for the PhD degree. It involves meetings as arranged between professor and graduate student.

Course Note: Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3001 (015)	Course ID: 116603
Reading for Social Anthropology Qualifying Examination	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>E. Gabriella Coleman</i>	

Individual reading in preparation for the Qualifying Examination for the PhD degree. It involves meetings as arranged between professor and graduate student.

Course Note: Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3001 (015)	Course ID: 116603
Reading for Social Anthropology Qualifying Examination	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>E. Gabriella Coleman</i>	

Individual reading in preparation for the Qualifying Examination for the PhD degree. It involves meetings as arranged between professor and graduate student.

Course Note: Restricted to candidates for the PhD degree and ordinarily to those who have completed at least one year in residence.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3002	Course ID: 218560
Reading for Archaeology General Examination	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>David L. Carrasco</i>	

ANTHRO 3002	Course ID: 218560
Reading for Archaeology General Examination	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>David L. Carrasco</i>	

ANTHRO 3002 (002)	Course ID: 218560
Reading for Archaeology General Examination	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Peter Manuelian</i>	

ANTHRO 3002 (002)	Course ID: 218560
Reading for Archaeology General Examination	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Bill Fash</i>	

ANTHRO 3002 (003)	Course ID: 218560
Reading for Archaeology General Examination	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Bill Fash</i>	

ANTHRO 3002 (003)	Course ID: 218560
Reading for Archaeology General Examination	2026 Spring (4 Credits)

No meeting time listed
Rowan Flad

Instructor Permission Required

ANTHRO 3002 (004)
Reading for Archaeology General Examination
No meeting time listed
Rowan Flad

Course ID: 218560
2025 Fall (4 Credits)

Instructor Permission Required

ANTHRO 3002 (004)
Reading for Archaeology General Examination
No meeting time listed
Matt Liebmann

Course ID: 218560
2026 Spring (4 Credits)

Instructor Permission Required

ANTHRO 3002 (005)
Reading for Archaeology General Examination
No meeting time listed
Matt Liebmann

Course ID: 218560
2025 Fall (4 Credits)

Instructor Permission Required

ANTHRO 3002 (005)
Reading for Archaeology General Examination
No meeting time listed
Peter Manuelian

Course ID: 218560
2026 Spring (4 Credits)

Instructor Permission Required

ANTHRO 3002 (007)
Reading for Archaeology General Examination
No meeting time listed
Jason Ur

Course ID: 218560
2025 Fall (4 Credits)

Instructor Permission Required

ANTHRO 3002 (007)
Reading for Archaeology General Examination
No meeting time listed
Jason Ur

Course ID: 218560
2026 Spring (4 Credits)

Instructor Permission Required

ANTHRO 3002 (008)
Reading for Archaeology General Examination
No meeting time listed
Christina Warinner

Course ID: 218560
2025 Fall (4 Credits)

Instructor Permission Required

ANTHRO 3002 (008)
Reading for Archaeology General Examination
No meeting time listed
Christina Warinner

Course ID: 218560
2026 Spring (4 Credits)

Instructor Permission Required

ANTHRO 3002 (009)
Reading for Archaeology General Examination
No meeting time listed
Shayla Monroe

Course ID: 218560
2025 Fall (4 Credits)

Instructor Permission Required

ANTHRO 3002 (010)

Reading for Archaeology General Examination

No meeting time listed

Amy Clark

Course ID: 218560

2025 Fall (4 Credits)

Instructor Permission Required

ANTHRO 3070

Professionalization in Archaeology

MW 0600 PM - 0715 PM

Christina Warinner

Course ID: 120488

2026 Spring (4 Credits)

All good research begins with a strong foundation. This course is aimed at providing you with the foundational knowledge and basic tools you need to succeed as a professional working in studies of the human past, including archaeology and adjacent fields. Aided in part by guest speakers from within and beyond Harvard, this course emphasizes collaborative research, presentation, publication, grant proposal writing, conflict resolution, and other skills to help you complete your PhD and to be competitive on the job market afterwards, and to navigate the complex intellectual, social, and personal demands of academia.

Course Note: Anthropology 2070 is commonly taken before Anthropology 3070, but is not a prerequisite. Required of students in the Archaeology Program of Anthropology; open to other graduate students and advanced undergraduates with permission of instructor.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: Social Sciences

ANTHRO 3080

Museum Practicum in Curatorial Research

No meeting time listed

Diana Loren

Course ID: 218186

2025 Fall (4 Credits)

Instructor Permission Required

ANTHRO 3080

Museum Practicum in Curatorial Research

No meeting time listed

Diana Loren

Course ID: 218186

2026 Spring (4 Credits)

Instructor Permission Required

ANTHRO 3200

Dissertation Writing Workshop in Social Anthropology

T 1200 PM - 0245 PM

Course ID: 110152

2025 Fall (4 Credits)

Instructor Permission Required

ANTHRO 3400

Full-time Status Reading and Research

No meeting time listed

Course ID: 119079

2025 Fall (4 Credits)

ANTHRO 3400

Full-time Status Reading and Research

No meeting time listed

Course ID: 119079

2026 Spring (4 Credits)

ANTHRO 3410

Teaching Fellowship

Course ID: 210892

2025 Fall (4 Credits)

ANTHRO 3500

Course ID: 111058
2025 Fall (4 Credits)

Direction of Doctoral Dissertations

No meeting time listed

Instructor Permission Required

Anya Bernstein

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500

Course ID: 111058
2026 Spring (4 Credits)

Direction of Doctoral Dissertations

No meeting time listed

Instructor Permission Required

Anya Bernstein

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (003)

Course ID: 111058
2025 Fall (4 Credits)

Direction of Doctoral Dissertations

No meeting time listed

Instructor Permission Required

David L. Carrasco

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (003)

Course ID: 111058
2026 Spring (4 Credits)

Direction of Doctoral Dissertations

No meeting time listed

Instructor Permission Required

David L. Carrasco

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (004) Course ID: 111058
2025 Fall (4 Credits)
Direction of Doctoral Dissertations
No meeting time listed *Instructor Permission Required*
Lucien Castaing-Taylor
Individual work in preparation for the doctoral dissertation.
Course Note: Consult the appropriate member of the Department.
Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

ANTHRO 3500 (004) Course ID: 111058
2026 Spring (4 Credits)
Direction of Doctoral Dissertations
No meeting time listed *Instructor Permission Required*
Lucien Castaing-Taylor
Individual work in preparation for the doctoral dissertation.
Course Note: Consult the appropriate member of the Department.
Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

ANTHRO 3500 (005) Course ID: 111058
2026 Spring (4 Credits)
Direction of Doctoral Dissertations
No meeting time listed *Instructor Permission Required*
Steven C. Caton
Individual work in preparation for the doctoral dissertation.
Course Note: Consult the appropriate member of the Department.
Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

ANTHRO 3500 (007) Course ID: 111058
2025 Fall (4 Credits)
Direction of Doctoral Dissertations
No meeting time listed *Instructor Permission Required*
Bill Fash
Individual work in preparation for the doctoral dissertation.
Course Note: Consult the appropriate member of the Department.
Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

ANTHRO 3500 (007) Course ID: 111058
2026 Spring (4 Credits)
Direction of Doctoral Dissertations
No meeting time listed *Instructor Permission Required*
Bill Fash
Individual work in preparation for the doctoral dissertation.
Course Note: Consult the appropriate member of the Department.
Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the

Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (008)

Course ID: 111058

Direction of Doctoral Dissertations

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Rowan Flad

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (008)

Course ID: 111058

Direction of Doctoral Dissertations

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Rowan Flad

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (009)

Course ID: 111058

Direction of Doctoral Dissertations

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Joseph Gone

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (009)

Course ID: 111058

Direction of Doctoral Dissertations

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Joseph Gone

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (010)

Course ID: 111058
2025 Fall (4 Credits)

Direction of Doctoral Dissertations

No meeting time listed

Instructor Permission Required

Byron Good

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (010)

Course ID: 111058
2026 Spring (4 Credits)

Direction of Doctoral Dissertations

No meeting time listed

Instructor Permission Required

Byron Good

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (011)

Course ID: 111058
2025 Fall (4 Credits)

Direction of Doctoral Dissertations

No meeting time listed

Instructor Permission Required

Nicholas Harkness

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (011)

Course ID: 111058
2026 Spring (4 Credits)

Direction of Doctoral Dissertations

No meeting time listed

Instructor Permission Required

Nicholas Harkness

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (012)

Course ID: 111058
2025 Fall (4 Credits)

Direction of Doctoral Dissertations

No meeting time listed

Instructor Permission Required

Arthur Kleinman

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the

Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (012)

Direction of Doctoral Dissertations

Course ID: 111058
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Arthur Kleinman

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (013)

Direction of Doctoral Dissertations

Course ID: 111058
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Peter Manuelian

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (013)

Direction of Doctoral Dissertations

Course ID: 111058
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Matt Liebmann

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (014)

Direction of Doctoral Dissertations

Course ID: 111058
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Matt Liebmann

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (014)

Course ID: 111058
2026 Spring (4 Credits)

Direction of Doctoral Dissertations

No meeting time listed

Instructor Permission Required

Peter Manuelian

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (017)

Course ID: 111058
2025 Fall (4 Credits)

Direction of Doctoral Dissertations

No meeting time listed

Instructor Permission Required

Michael J. Puett

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (017)

Course ID: 111058
2026 Spring (4 Credits)

Direction of Doctoral Dissertations

No meeting time listed

Instructor Permission Required

Michael J. Puett

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (018)

Course ID: 111058
2026 Spring (4 Credits)

Direction of Doctoral Dissertations

No meeting time listed

Instructor Permission Required

Malavika Reddy

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (019)

Course ID: 111058
2025 Fall (4 Credits)

Direction of Doctoral Dissertations

No meeting time listed

Instructor Permission Required

Jason Ur

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the

Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (020)

Course ID: 111058

Direction of Doctoral Dissertations

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Malavika Reddy

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (020)

Course ID: 111058

Direction of Doctoral Dissertations

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Jason Ur

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (022)

Course ID: 111058

Direction of Doctoral Dissertations

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Christina Warinner

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (022)

Course ID: 111058

Direction of Doctoral Dissertations

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Christina Warinner

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (023)

Course ID: 111058
2025 Fall (4 Credits)

Direction of Doctoral Dissertations

No meeting time listed

Instructor Permission Required

E. Gabriella Coleman

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (023)

Course ID: 111058
2026 Spring (4 Credits)

Direction of Doctoral Dissertations

No meeting time listed

Instructor Permission Required

E. Gabriella Coleman

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (024)

Course ID: 111058
2025 Fall (4 Credits)

Direction of Doctoral Dissertations

No meeting time listed

Instructor Permission Required

Shayla Monroe

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3500 (025)

Course ID: 111058
2025 Fall (4 Credits)

Direction of Doctoral Dissertations

No meeting time listed

Instructor Permission Required

Amy Clark

Individual work in preparation for the doctoral dissertation.

Course Note: Consult the appropriate member of the Department.

Limited to candidates for the PhD in Anthropology who are in residence and who are in good standing in the Graduate School.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ANTHRO 3626

Course ID: 116522
2025 Fall (4 Credits)

Research Design/Proposal Writing

T 1200 PM - 0245 PM

Instructor Permission Required

Malavika Reddy

This course is part seminar, part practicum. Its purpose is to help students conceptualize and design a research project, to craft effective research and grant proposals, and to prepare for ethnographic and archival work. The first and longest part of the course will focus on formulating a researchable project, in all its various elements; how to write a statement of problem, to frame arguments/theses, to situate work in the appropriate

anthropological literature/s, to develop a methodological approach, and techniques, commensurate with the objectives and claims of the study, and to make a case for its significance and contribution to the discipline. To the extent time permits, the class will also pursue a secondary objective: imparting professional skills, primarily in the area of writing and publishing, but also in oral presentation, that will be useful to students throughout their professional lives.

Course Note: By permission only. The class is open to third year social anthropology students who have done most of the background reading for their PhD dissertation research and are actively working on a formal research proposal, of which they have a draft in hand.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: Social Sciences

ANTHRO 3636

Pedagogy in Anthropology

T 1030 AM - 1145 AM

Matt Liebmman, Peter Manuelian

This course has two aims: 1) to provide graduate students with the necessary training to be effective Teaching Fellows at Harvard, and 2) to give you the tools to develop your own approach to critical pedagogy in the field of Anthropology. Required for graduate students in the Spring of their second year. Classes will also be advertised to all Anthropology graduate students as optional Pedagogy Workshops for professional development. While discussions will be tailored to the unique challenges of teaching in Anthropology (across Archaeology and Social Anthropology), students will also be prepared to TF outside of Anthropology. Workshop-style classes are interspersed with formal office hours throughout the semester. Office hours are designed for one-on-one or small-group consultation with the Pedagogy Fellow in conjunction with course requirements.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

Applied Computation

Applied Computation

APCOMP 209A

Data Science 1: Introduction to Data Science

MW 1030 AM - 1145 AM

Pavlos Protopapas, Kevin A. Rader

Data Science 1 is the first half of a one-year introduction to data science. The course will focus on the analysis of messy, real life data to perform predictions using statistical and machine learning methods. Material covered will integrate the five key facets of an investigation using data: (1) data collection - data wrangling, cleaning, and sampling to get a suitable data set; (2) data management - accessing data quickly and reliably; (3) exploratory data analysis - generating hypotheses and building intuition; (4) prediction or statistical learning; and (5) communication - summarizing results through visualization, stories, and interpretable summaries. Part one of a two part series. The curriculum for this course builds throughout the academic year. Students are strongly encouraged to enroll in both the fall and spring course within the same academic year.

Course Note: Only one of CS 1090a, CS 109a, AC 209a, Stat 109a, or Stat 121a can be taken for credit.

Programming knowledge at the level of CS 50 or above, and statistics knowledge at the level of Stat 100 or above (Stat 110 recommended).

Requires: Not to be taken in addition to Computer Science 1090A, or Statistics 109A, or Statistics 121, or Statistics 121A.

Full Year Course: Divisible Course

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

APCOMP 209B

Data Science 2: Advanced Topics in Data Science

MWF 0945 AM - 1100 AM

Pavlos Protopapas, Alex Young

Course ID: 214587

2026 Spring (2 Credits)

Course ID: 109898

2025 Fall (4 Credits)

Course ID: 203547

2026 Spring (4 Credits)

Data Science 2 is the second half of a one-year introduction to data science. Building upon the material in Data Science 1, the course introduces advanced methods for statistical modeling, representation, and prediction. Topics include multiple deep learning architectures such as CNNs, RNNs, transformers, language models, autoencoders, and generative models as well as basic Bayesian methods, and unsupervised learning. Students are strongly encouraged to enroll in both the fall and spring course within the same academic year. Part two of a two-part series.

Course Note: Can only be taken after successful completion of CS 1090a, CS 109a, AC 209a, Stat 109a, or Stat 121a, or equivalent.

CS 1090a, CS 109a, AC 209a, Stat 109a, or Stat 121a required.

Requires: Requisite: (Must take CS 1090A OR APCOMP 209A OR STAT 109A OR STAT 121A before taking APCOMP 209B) AND (Not to be taken in addition to CS 1090B OR STAT 109B, OR STAT 121 OR STAT 121B)

FAS Divisional Distribution: Science & Engineering & Applied Science

Quantitative Reasoning with Data: Yes

Full Year Course: Divisible Course

APCOMP 215

Advanced Practical Data Science

TR 1245 PM - 0245 PM

Pavlos Protopapas

Course ID: 215121

2025 Fall (4 Credits)

Instructor Permission Required

The primary objective of this course is to provide a comprehensive understanding of the Deep Learning process in a practical, real-world context. With a strong emphasis on Machine Learning Operations (MLOps), this course not only reviews existing Deep Learning flows, but also enables students to build, deploy, and manage applications that leverage these models effectively. In the rapidly evolving field of data science, merely creating powerful predictive models is not enough. Efficiently deploying and managing these models in production environments - a practice often referred to as MLOps - has become an essential skill. MLOps bridges the gap between the development of Machine Learning (ML) models and their operation in production settings, combining practices from data science, data engineering and software engineering. This course is built upon the model of balancing conceptual understanding, theoretical knowledge, and hands-on implementation. It introduces students to the iterative process of model development, testing, deployment, monitoring, and updating, ensuring they acquire a strong foundation in MLOps principles.

AC 209A, AC 209B

FAS Divisional Distribution: Science & Engineering & Applied Science

APCOMP 221

Critical Thinking in Data Science

MW 0345 PM - 0500 PM

Course ID: 207093

2026 Spring (4 Credits)

This course examines the wide-ranging impact data science has on the world and how to think critically about issues of fairness, privacy, ethics, and bias while building algorithms and predictive models that get deployed in the form of products, policy and scientific research. Topics will include algorithmic accountability and discriminatory algorithms, black box algorithms, data privacy and security, ethical frameworks; and experimental and product design. We will work through case studies in a variety of contexts including media, tech and sharing economy platforms; medicine and public health; data science for social good, and politics. We will look at the underlying machine learning algorithms, statistical models, code and data. Threads of history, philosophy, business models and strategy; and regulatory and policy issues will be woven throughout the course.

Course Note: This does not count as a technical or disciplinary course for SEAS PhD students, nor for SEAS masters-degree students outside of CSE and Data Science.

CS 109A, Introduction to Data Science or equivalent by instructor approval.

FAS Divisional Distribution: Science & Engineering & Applied Science

APCOMP 275

Computational Design of Materials

TR 1030 AM - 1145 AM

Boris Kozinsky

Course ID: 128103

2025 Fall (4 Credits)

This course covers theoretical background and practical hands-on applications of modern computational atomistic methods used to understand and design properties of advanced functional materials. Topics include classical interatomic potentials and machine learning methods, quantum first-principles electronic structure models based on wave functions and density functional theory, Monte Carlo sampling and molecular dynamics simulations of phase transitions and free energies, fluctuations and transport properties. Applications include atomistic and electronic effects in materials for energy conversion and storage, catalysis, alloys, polymers, and low-dimensional materials.

Course Note: Applied Computation 275 is also offered as Applied Physics 275. Students may not take both for credit.

Undergraduate coursework in quantum mechanics and solid-state physics, physical chemistry, linear algebra, thermodynamics and statistical mechanics.

FAS Divisional Distribution: Science & Engineering & Applied Science

APCOMP 297R

Computational Science and Engineering Capstone Project

W 1245 PM - 0330 PM

Weiwei Pan

Course ID: 156202
2025 Fall (4 Credits)

Instructor Permission Required

The capstone course is intended to provide students with an opportunity to work in groups of 3-4 on a real-world project. Students will develop novel ideas while applying and enhancing skills they have acquired from their core courses and electives. By requiring students to complete a substantial and challenging collaborative project, the capstone course will prepare students for the professional world and ensure that they are trained to conduct research. There will be no additional homework. There will be several mini-lectures, focusing on supplemental skills such as technical writing, public speaking, reading research papers, using version control software, identifying biases, etc. Since the projects concern real-world projects, datasets will likely be messy, and there is a focus on effectively communicating your progress to both the staff and partner organization.

FAS Divisional Distribution: Science & Engineering & Applied Science

APCOMP 297R

Computational Science and Engineering Capstone Project

W 1245 PM - 0330 PM

Weiwei Pan

Course ID: 156202
2026 Spring (4 Credits)

Instructor Permission Required

The capstone course is intended to provide students with an opportunity to work in groups of 3-4 on a real-world project. Students will develop novel ideas while applying and enhancing skills they have acquired from their core courses and electives. By requiring students to complete a substantial and challenging collaborative project, the capstone course will prepare students for the professional world and ensure that they are trained to conduct research. There will be no additional homework. There will be several mini-lectures, focusing on supplemental skills such as technical writing, public speaking, reading research papers, using version control software, identifying biases, etc. Since the projects concern real-world projects, datasets will likely be messy, and there is a focus on effectively communicating your progress to both the staff and partner organization.

FAS Divisional Distribution: Science & Engineering & Applied Science

APCOMP 298R

Interdisciplinary Seminar in Applied Computation

F 0215 PM - 0330 PM

Weiwei Pan

Course ID: 109339
2025 Fall (2 Credits)

This course examines sources of and mitigation frameworks for social bias in technology (with a special focus on generative AI). We examine social bias in tech in two ways: 1. by examining structural (e.g. cultural, social and institutional) factors underlying the low levels of diversity in decision making roles in technology, and 2. by examining the unequal social impact of technology in deployment. Through readings, students will gain familiarity with a wide range of previously identified structural challenges for achieving equitable representation in tech and fair outcomes when technology is integrated into social institutions. The focus of the course will be on identifying leadership opportunities and concrete strategies for making positive changes in tech communities (both inside and outside classroom) as well as in the way that technology is deployed, used, monitored and governed. In view of the roll-out of the EU AI Act (the world's first horizontal and standalone law governing AI) on August 1st 2024, this semester, we will take a special focus on connecting policy to technical research. Specifically, we will survey

frameworks for discovering and quantifying social bias in ML/AI systems and explore ways that these technical tools can support enforcement of AI regulations. We will anchor our research to concrete goals and principles of the AI Act.

FAS Divisional Distribution: None

APCOMP 299R

Special Topics in Applied Computation

Course ID: 109613
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Daniel Weinstock

Supervision of experimental or theoretical research on acceptable applied computation problems and supervision of reading on topics not covered by regular courses of instruction.

Course Note: Open to graduate students and AB/SM candidates only. This course is graded and is ordinarily taken with the approval of the Committee on Higher Degrees. AB/SM students must obtain CHD approval for this course to count toward their SM requirements and the course must be bracketed accordingly; it cannot be used towards also meeting AB degree requirements. Applicants must file an AC 299r Special Topics Form approved by the advisor before the course registration deadline; contact mastersprograms@seas.harvard.edu if you have any questions. The form is available on the course website.

FAS Divisional Distribution: None

APCOMP 299R

Special Topics in Applied Computation

Course ID: 109613
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Daniel Weinstock

Supervision of experimental or theoretical research on acceptable applied computation problems and supervision of reading on topics not covered by regular courses of instruction.

Course Note: Open to graduate students and AB/SM candidates only. This course is graded and is ordinarily taken with the approval of the Committee on Higher Degrees. AB/SM students must obtain CHD approval for this course to count toward their SM requirements and the course must be bracketed accordingly; it cannot be used towards also meeting AB degree requirements. Applicants must file an AC 299r Special Topics Form approved by the advisor before the course registration deadline; contact mastersprograms@seas.harvard.edu if you have any questions. The form is available on the course website.

FAS Divisional Distribution: None

APCOMP 302

Special Topics in Computational Science and Engineering

Course ID: 156535
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Daniel Weinstock

FAS Divisional Distribution: None

APCOMP 302

Special Topics in Computational Science and Engineering

Course ID: 156535
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Daniel Weinstock

FAS Divisional Distribution: None

APCOMP 399-TIME

Academic Related Work for SEAS Masters Students

No meeting time listed

Daniel Weinstock

Course ID: 210893

2025 Fall (4 Credits)

Instructor Permission Required

APCOMP 399-TIME

Academic Related Work for SEAS Masters Students

No meeting time listed

Daniel Weinstock

Course ID: 210893

2026 Spring (4 Credits)

Instructor Permission Required

Applied Mathematics

Applied Mathematics

APMTH 10

Computing with Python for Scientists and Engineers

TR 1030 AM - 1145 AM

Logan McCarty

Course ID: 213407

2025 Fall (4 Credits)

This course is a systematic introduction to computing (with python and jupyter notebooks) for science and engineering applications. Applications are drawn from a broad range of disciplines, including physical, financial, and biological-epidemiological problems. The course consists of two parts: 1. Basics: essential elements of computing, including types of variables, lists, arrays, iteration and control flow (for, while loops, if statement), definition of functions, recursion, file handling and simple plots, plotting and visualization tools in higher dimensions. 2. Applications: development of computational skills for problem solving, including numerical and machine learning methods, and their use in deterministic and stochastic approaches; examples include numerical differentiation and integration, fitting of curves and error analysis, solution of simple differential equations, random numbers and stochastic sampling, and advanced methods like neural networks and simulated annealing for optimization in complex systems. Course work consists of attending lectures and labs, weekly homework assignments, a mid-term project and a final project; while work is developed collaboratively, coding assignments are submitted individually.

Course Note: This course satisfies the QRD requirement. Lectures meet concurrently with Physics 20, although sections, homework and project assignments are different between the two courses.

Mathematics 1b is a prerequisite, although it can be taken concurrently (particularly for sophomores). Some limited concepts from Mathematics 21a are used, but they can be learned during the course. The course provides an introduction to programming with a mathematical focus, using Python, and starts from the level of a complete beginner.

FAS Divisional Distribution: None

Quantitative Reasoning with Data: Yes

APMTH 22A

Solving and Optimizing

MWF 1115 AM - 1230 PM

Steven Gortler

Course ID: 211334

2026 Spring (4 Credits)

This course covers a combination of linear algebra and multivariate calculus with an eye towards solving systems of equations and optimization problems. Students will learn how to prove some key results, and will also implement these ideas with code. Linear algebra: matrices, vector spaces, bases and dimension, inner products, least squares problems, eigenvalues, eigenvectors, singular values, singular vectors. Multivariate calculus: partial differentiation, gradient and Hessian, critical points, Lagrange multipliers.

Course Note: Not to be taken in addition to AM21b or Math21b. Some overlap with AM21a and Math21a. Can be used in conjunction with Stat110 to fulfill the mathematics requirements for computer science.

Mathematics 1b or an equivalent background in mathematics.

Requires: Anti-Req: Cannot be taken for credit if enrolled in or has completed Math 22a.

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 50

Introduction to Applied Mathematics

MWF 0900 AM - 1015 AM

Cengiz Pehlevan

Course ID: 122564
2026 Spring (4 Credits)

Instructor Permission Required

This course provides an introduction to the problems and issues of applied mathematics, focusing on areas where mathematical ideas have had a major impact on diverse fields of human inquiry. The course is organized around two-week topics drawn from a variety of fields, and involves reading classic mathematical papers in each topic. The course also provides an introduction to mathematical modeling and programming.

Mathematics 1b is a prerequisite, although it can be taken concurrently. Some limited concepts from Mathematics 21a / Applied Mathematics 21a will be used, but they can be learned during the course. The course provides an introduction to programming with a mathematical focus, and starts from the level of a complete beginner.

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 91R

Supervised Reading and Research

No meeting time listed

Margo Levine, Sarah Iams

Course ID: 121692
2025 Fall (4 Credits)

Instructor Permission Required

Supervised reading or research on topics not covered by regular courses. It cannot be taken as a fifth course. For AM concentrators, work may be supervised by faculty in other departments. For non-concentrators, work must be supervised by an AM faculty member. To be eligible to enroll in the course, students must receive the approval of the course instructors, including approved registration forms, prior to the start of the semester.

Course Note: Students cannot take AM 91r and 99r simultaneously with the same supervisors. Ordinarily may not be taken more than twice. Ordinarily may not be taken as a fifth course. May be counted once for concentration credit in Applied Mathematics (as a breadth course). May be taken in either term. When project work from APMTH 91R is used to satisfy the honors modeling requirement, a paper describing the project must be submitted to the concentration for evaluation by the end of the final exam period in the semester in which the 91R is undertaken. For further information, write am-advising@seas.harvard.edu.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 91R

Supervised Reading and Research

No meeting time listed

Margo Levine, Sarah Iams

Course ID: 121692
2026 Spring (4 Credits)

Instructor Permission Required

Supervised reading or research on topics not covered by regular courses. It cannot be taken as a fifth course. For AM concentrators, work may be supervised by faculty in other departments. For non-concentrators, work must be supervised by an AM faculty member. To be eligible to enroll in the course, students must receive the approval of the course instructors, including approved registration forms, prior to the start of the semester.

Course Note: Students cannot take AM 91r and 99r simultaneously with the same supervisors. Ordinarily may not be taken more than twice. Ordinarily may not be taken as a fifth course. May be counted once for concentration credit in Applied Mathematics (as a breadth course). May be taken in either term. When project work from APMTH 91R is used to satisfy the honors modeling requirement, a paper describing the project must be submitted to the concentration for evaluation by the end of the final exam period in the semester in which the 91R is undertaken. For further information, write am-advising@seas.harvard.edu.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 99R

Thesis Research

No meeting time listed

Sarah Iams, Margo Levine

Course ID: 115654
2025 Fall (4 Credits)

Instructor Permission Required

Provides an opportunity for students to engage in preparatory research and the writing of a senior thesis. Graded

on a SAT/UNS basis as recommended by the thesis supervisor. The thesis is evaluated by the supervisor and by one additional reader.

Course Note: Students cannot take AM 91r and 99r simultaneously with the same supervisors. Normally may not be taken more than twice. Does not count for concentration credit in Applied Mathematics. May be taken in either term. Students must receive the approval of an (Associate) Director of Undergraduate Studies and obtain their signature before submitting AM99r forms.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 99R

Thesis Research

No meeting time listed

Sarah Iams, Margo Levine

Course ID: 115654
2026 Spring (4 Credits)

Instructor Permission Required

Provides an opportunity for students to engage in preparatory research and the writing of a senior thesis. Graded on a SAT/UNS basis as recommended by the thesis supervisor. The thesis is evaluated by the supervisor and by one additional reader.

Course Note: Students cannot take AM 91r and 99r simultaneously with the same supervisors. Normally may not be taken more than twice. Does not count for concentration credit in Applied Mathematics. May be taken in either term. Students must receive the approval of an (Associate) Director of Undergraduate Studies and obtain their signature before submitting AM99r forms.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 101

Statistical Inference for Scientists and Engineers

TR 0900 AM - 1015 AM

Efthimios Kaxiras

Course ID: 132127
2025 Fall (4 Credits)

Introductory statistical methods for students in the applied sciences and engineering. Random variables and probability distributions; the concept of random sampling, including random samples, statistics, and sampling distributions; the Central Limit Theorem; parameter estimation; confidence intervals; hypothesis testing; simple linear regression; and multiple linear regression. Introduction to more advanced techniques as time permits.

Math 21a and Applied Math 10 (can be taken concurrently).

FAS Divisional Distribution: Science & Engineering & Applied Science

Quantitative Reasoning with Data: Yes

APMTH 104

Complex and Fourier Analysis with Applications to Art, Science and Engineering

MW 0945 AM - 1100 AM

L. Mahadevan

Course ID: 122094
2025 Fall (4 Credits)

Complex analysis: complex numbers, functions, mappings, Laurent series, differentiation, integration, contour integration and residue theory, conformal mappings. Applications to visualization, art (especially M.C. Escher). Anamorphic images. Fourier Analysis: orthogonality, Fourier Series, Fourier transforms. Signal processing: sampling theorems (Nyquist, Shannon), fast Fourier transforms. Applications to image, audio analysis: filtering and deblurring.

Applied Mathematics 22a and 22b or Mathematics 21a and 21b. MATLAB or PYTHON experience recommended.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 105

Ordinary and Partial Differential Equations

MWF 1030 AM - 1145 AM

Course ID: 143432
2026 Spring (4 Credits)

Margo Levine

Ordinary differential equations: power series solutions; special functions; eigenfunction expansions. Elementary partial differential equations: separation of variables and series solutions; diffusion, wave and Laplace equations. Brief introduction to nonlinear dynamical systems and to numerical methods.

Mathematics 1b, Mathematics 21a and 21b.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 106

Algebra for Models and Data

MW 0300 PM - 0415 PM

Anna Seigal

This course is an introduction to abstract algebra and its applications. Topics will include rings, polynomials, and ideals, factorization of matrices and polynomials, exact and numerical algorithms for solving equations, and applications to data analysis, modeling, and optimization.

Course Note: Not recommended for students who have taken Mathematics 122 or Mathematics 55a.

Familiarity with linear algebra (at the level of Math 21b) and proofs (at the level of Math 22a, Math 101, or CS 20). Programming experience is helpful but not required.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 107

Graph Theory and Combinatorics

TR 0945 AM - 1100 AM

Leslie Valiant

Topics in combinatorial mathematics that find frequent application in computer science, engineering, and general applied mathematics. Course focuses on graph theory on one hand, and enumeration on the other. Specific topics include graph matching and graph coloring, generating functions and recurrence relations, combinatorial algorithms, and discrete probability. Emphasis on problem solving and proofs.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 108

Nonlinear Dynamical Systems

MWF 0130 PM - 0245 PM

Sarah Iams

An introduction to nonlinear dynamical phenomena, focused on identifying the long term behavior of systems described by ordinary differential equations. The emphasis is on stability and parameter dependence (bifurcations). Other topics include: chaos; routes to chaos and universality; maps; strange attractors; fractals. Techniques for analyzing nonlinear systems are introduced with applications to physical, chemical, and biological systems such as forced oscillators, chaotic reactions, and population dynamics.

Mathematics 1b, 21a, and 21b.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 109

Introduction to PDEs and their Applications

TR 1030 AM - 1145 AM

Nick Trefethen

This course serves as an introduction to partial differential equations (PDE) and their applications across the sciences. The course will familiarize students with the process of starting with a model, deriving the appropriate PDE, and solving it. Examples include wave equations, diffusion equations, the Laplace equation, and several nonlinear equations such as the Burgers and KdV equations. To build intuition for the analytical solutions, simple

numerical simulations will be utilized.

Requires: Pre-Requisite: APMTH 105

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 111

Introduction to Scientific Computing

TR 1200 PM - 0115 PM

Sarah Iams

Many science and engineering problems don't have simple analytical solutions or even accurate analytical approximations. Scientific computing can address certain of these problems successfully, providing unique insight. This course introduces some of the widely used techniques in scientific computing through examples chosen from physics, chemistry, biology, computer science and other fields. The purpose of the course is to introduce methods that are useful in applications and research and to give the students hands-on experience with these methods. The main programming language will be Python.

Course Note: Applied Mathematics 111 is also offered as Engineering Sciences 111. Students may not take both for credit. Undergraduate Engineering Students should enroll in Engineering Sciences 111.

Mathematics 1b, 21a, and 21b

Requires: Pre Req: APMTH 10, COMPSI 32, or COMPSI 50.

Anti-Req: Students may not take APMTH/ES 111 after APMTH 205 or simultaneously with APMTH 205.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 115

Mathematical Modeling

TR 1030 AM - 1145 AM

Michael P. Brenner

Abstracting the essential components and mechanisms from a natural system to produce a mathematical model, which can be analyzed with a variety of formal mathematical methods, is perhaps the most important, but least understood, task in applied mathematics. This course approaches a number of problems without the prejudice of trying to apply a particular method of solution. Topics drawn from biology, economics, engineering, physical and social sciences.

Course Note: Applied Mathematics 115 is also offered as Engineering Sciences 115. Students may not take both for credit. Undergraduate Engineering Students should enroll in Engineering Sciences 115.

Prerequisite: Applied Mathematics 21a and 21b, or Mathematics 21a and 21b or permission of instructor. Taking APMTH 105 OR APMTH 108 OR APMTH 104 OR MATH 112 OR STAT 110 before taking APMTH 115 is recommended but not required.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 115

Mathematical Modeling

TR 1030 AM - 1145 AM

Zhiming Kuang

Abstracting the essential components and mechanisms from a natural system to produce a mathematical model, which can be analyzed with a variety of formal mathematical methods, is perhaps the most important, but least understood, task in applied mathematics. This course approaches a number of problems without the prejudice of trying to apply a particular method of solution. Topics drawn from biology, economics, engineering, physical and social sciences.

Course Note: Applied Mathematics 115 is also offered as Engineering Sciences 115. Students may not take both for credit. Undergraduate Engineering Students should enroll in Engineering Sciences 115.

Prerequisite: Applied Mathematics 21a and 21b, or Mathematics 21a and 21b or permission of instructor. Taking APMTH 105 OR APMTH 108 OR APMTH 104 OR MATH 112 OR STAT 110 before taking APMTH 115 is recommended but not required.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 120198

2025 Fall (4 Credits)

Course ID: 118021

2025 Fall (4 Credits)

Course ID: 118021

2026 Spring (4 Credits)

APMTH 120

Applied Linear Algebra and Big Data

TR 0130 PM - 0245 PM

Eli Tziperman

Topics in linear algebra that frequently arise in applications, especially in the analysis of large data sets: linear equations, eigenvalue problems, linear differential equations, principal component analysis, singular value decomposition; data mining and machine learning methods: clustering (unsupervised learning) and classification (supervised) using neural networks and random forests. Examples from physical sciences, biology, climate, commerce, the internet, image processing, and more will be given. The approach is application-motivated, focusing on an intuitive understanding of the algorithms behind these methods obtained by analyzing small data sets. Programming assignments can be done using Python or Matlab.

Mathematics 21a,b or equivalent, Computer Science 50 or Applied Mathematics 10 or equivalent programming experience.

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 121

Introduction to Optimization: Models and Methods

MWF 1200 PM - 0115 PM

Margo Levine

This course provides an introduction to basic mathematical ideas and computational methods for optimization. Topics include linear programming, integer programming, branch-and-bound, branch-and-cut, as well as first-order gradient-based methods with an emphasis on modeling and data science applications.

Course Note: Applied Mathematics 121 is also offered as Engineering Sciences 121. Students may not take both for credit. Undergraduate Engineering Students should enroll in Engineering Sciences 121.

Mathematics 21b or equivalent preparation in linear algebra. Basic programming.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 158

Introduction to Optimal Control and Reinforcement Learning

MW 0215 PM - 0330 PM

Heng Yang

This course covers optimal control and reinforcement learning for dynamical systems, with a strong emphasis on robotic applications such as quadrupeds and humanoids. The first half focuses on optimal control for systems with known, potentially nonlinear dynamics. Students will learn the fundamentals of dynamic programming and the linear quadratic regulator (LQR) before delving into trajectory optimization and model predictive control (MPC) for nonlinear systems, which emphasizes numerical optimization techniques for synthesizing complex motions. The second half explores reinforcement learning (RL) for systems with unknown dynamics. Topics include both model-free and model-based RL algorithms such as proximal policy optimization (PPO), actor-critic methods, and model-based policy optimization, with a focus on continuous state and action spaces. Additional topics may include Lyapunov analysis, vision-based feedback control, and advanced convex optimization. The course prioritizes computational algorithms over theoretical analysis, equipping students with practical tools for solving complex control problems. Assignments involve programming in Python and MATLAB to control simulated dynamical systems in MuJoCo and other environments.

Course Note: Applied Mathematics 158 is also offered as Engineering Sciences 158. Students may not take both for credit. Undergraduate Engineering Students should enroll in Engineering Sciences 158.

Familiarity with linear algebra, probabilistics, calculus, and programming (Matlab, Python, etc.). Knowledge about control theory (ES 155) and optimization (AM/ES 121) is recommended.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 201

Physical Mathematics I

Course ID: 112798

2025 Fall (4 Credits)

MWF 1030 AM - 1145 AM

James Roggeveen

Introduction to methods for developing accurate approximate solutions for problems in the sciences that cannot be solved exactly, and integration with numerical methods and solutions. Topics include: dimensional analysis, algebraic equations, complex analysis, perturbation theory, matched asymptotic expansions, approximate solution of integrals.

Applied Mathematics 104 and 105, or equivalent; basic programming knowledge at the Computer Science 50 level.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 205

Course ID: 110684
2025 Fall (4 Credits)

Advanced Scientific Computing: Numerical Methods

MW 0300 PM - 0415 PM

Instructor Permission Required

Nick Trefethen

Mathematical theory and implementation aspects of well-established numerical algorithms applied in various scientific and engineering disciplines. The course will cover data fitting, numerical linear algebra, numerical differentiation and integration, optimization, and numerical methods for differential equations. There will be a significant programming component. Students will be expected to implement a range of numerical methods as part of individual and group-based projects. The material is sufficiently diverse to match each student's background and programming skills.

Familiarity with linear algebra and calculus; basic programming knowledge (Python or MATLAB recommended).

FAS Divisional Distribution: Science & Engineering & Applied Science

Quantitative Reasoning with Data: Yes

APMTH 207

Course ID: 127561
2025 Fall (4 Credits)

Advanced Scientific Computing: Stochastic Methods for Data Analysis, Inference and Optimization

MW 0130 PM - 0245 PM

Instructor Permission Required

The class aims to highlight the process of scientific discovery under uncertainty in the age of data. The class content stresses a unifying approach to data driven modeling and inference through stochastic simulations, optimization and Bayesian uncertainty quantification. The class projects require transferring an idea to software in multi- and many-core computer architectures.

STAT 110, CS 50 or proficiency in a computer programming language (C++ and python strongly recommended) as well as CS 107.

FAS Divisional Distribution: Science & Engineering & Applied Science

Quantitative Reasoning with Data: Yes

APMTH 210

Course ID: 222513
2025 Fall (4 Credits)

Algebraic Fundamentals of Representing Data

TR 0130 PM - 0245 PM

Anna Seigal

Algebra gives mathematical abstractions that allow us to process information. Many optimization problems in data and learning are built on algebraic ideas. For example, principal component analysis finds a low rank approximation of a matrix, a problem central to linear algebra. This course builds out from this example to study the algebraic fundamentals of optimization problems to find representations of data. The course combines mathematical theory, computational experiments, and exploration of data. The focus is on current research developments and connections to open problems. By the end, students will have a unified algebraic toolbox to understand existing methods, to design new models, and to prove results on their theoretical underpinnings.

This is a graduate course in applied algebra. The course combines mathematical theory, computational and

numerical experiments, and exploration of real world data. The focus is on current research developments and connections to open problems. Recommended preparation for the course is familiarity with proofs in linear algebra at the level of two semesters of Math 22A/B or Math 25A or Math 121 as well as programming experience at the level of AM 120.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 215

Mathematical Modeling for Computational Science

TR 1030 AM - 1145 AM

Michael P. Brenner

Course ID: 225020
2025 Fall (4 Credits)

Instructor Permission Required

Mathematical modeling is the essential component of the revolution in computation-based research over the past decade. While designing mathematical models is itself an art form, it is equally important to learn how to transform them into computational systems that allow robust evaluation, which is critical for real-world use cases, from modeling the spread of COVID, to designing better large language models. This course introduces mathematical modeling ideas while teaching how to transform them into robust computational frameworks for model evaluation and deployment, as done in industry. The aim is to give both a broad view of "what a mathematical model" is and, at the same time, to teach the core computational skills for building usable state-of-the-art models. Topics drawn from biology, economics, engineering, physical and social sciences.

Course Note: This class is taught in parallel to the undergraduate class Applied Math 115. Preference will be given to Data Science and CSE SM Students and then other graduate students.

Computer programming background. Statistics 110, Applied Mathematics 105.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 226

Theory of Neural Computation

MW 0900 AM - 1015 AM

Cengiz Pehlevan

Course ID: 212912
2025 Fall (4 Credits)

This course is an introduction to the theory of computation with artificial and biological neural networks. We will cover selected topics from theoretical neuroscience and deep learning theory with an emphasis on topics at the research frontier. These topics include expressivity and generalization in deep learning models; infinite-width limit of neural networks and kernel machines; deep learning dynamics; biologically-plausible learning and models of synaptic plasticity; reinforcement learning in the brain; neural population codes; normative theories of sensory representations; attractor network models of memory and spatial maps; sequential processing with recurrent neural networks and transformers; generative modeling.

Math 21A and Math 21B or equivalent.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 230

Active Matter

F 0300 PM - 0545 PM

L Mahadevan

Course ID: 220128
2026 Spring (4 Credits)

Instructor Permission Required

Active matter describes out of equilibrium systems that consume energy to do work and become functional. Understanding their behavior and function has implications for biology and complex systems across scales, from cells to ecosystems, e.g., morphogenesis, collective behavior of flocks and herds, neurodynamics of locomotion, etc. The tools and concepts needed include non-equilibrium statistical mechanics, kinetic theory, soft matter, and hydrodynamics; methods for the analysis of the models include scaling, coarse-graining (homogenization, renormalization) and computational algorithms (for stochastic and deterministic DE). This course will provide an introduction to the questions, techniques and successes of this exploding field that cuts across the physical and biological sciences.

Course Note: Open to PhD students and [AB/SM students or advanced undergraduate students] by permission of instructor. Applied Math 230 is also offered as Physics 230. Students may not take both for credit.

Applied Mathematics 105, Applied Mathematics 201, Physics 153, Physics 181, Engineering Sciences 220, Engineering Sciences 240, or equivalent.

Requires: PHDs Only

APMTH 231

Decision Theory

TR 1115 AM - 1230 PM

Demba Ba

Course ID: 203548

2026 Spring (4 Credits)

Instructor Permission Required

ES 201/AM 231 is a course in statistical inference and estimation from a signal processing perspective. The course will emphasize the entire pipeline from writing a model, estimating its parameters and performing inference utilizing real data. The first part of the course will focus on linear and nonlinear probabilistic generative/regression models (e.g. linear, logistic, Poisson regression), and algorithms for optimization (ML/MAP estimation) and Bayesian inference in these models. We will pay particular attention to sparsity-induced regression models, because of their relation to artificial neural networks, the topic of the second part of the course. The second part of the course will introduce students to the nascent and exciting research area of model-based deep learning. At present, we lack a principled way to design artificial neural networks, the workhorses of modern AI systems. Moreover, modern AI systems lack the ability to explain how they reach their decisions. In other words, we cannot yet call AI explainable or interpretable which, as a society, poses important questions as to the responsible use of such technology. Model-based deep learning provides a framework to develop and constrain neural-network architectures in a principled fashion. We will see, for instance, how neural networks with ReLU nonlinearities arise from sparse probabilistic generative models introduced in the first part of the course. This will form the basis for a rigorous recipe we will teach you to build interpretable deep neural networks, from the ground up. We will invite an exciting line up of speakers. Time permitting, we will provide a model-based perspective of the building blocks of modern language and image generative models.

Course Note: Engineering Sciences 201 is the same as Applied Mathematics 231. Students may not take both for credit.

Applied Mathematics 21a,b or Mathematics 21a,b, and Statistics 110 or equivalents.

FAS Divisional Distribution: Science & Engineering & Applied Science

Quantitative Reasoning with Data: Yes

APMTH 232

Learning, Estimation, and Control of Dynamical Systems

MW 0945 AM - 1100 AM

Na Li

Course ID: 161259

2026 Spring (4 Credits)

This graduate level course studies dynamic systems in time domain with inputs and outputs. Students will learn how to design estimator and controller for a system to ensure desirable properties (e.g., stability, performance, robustness) of the dynamical system. In particular, the course will focus on systems that can be modeled by linear ordinary differential equations (ODEs) and that satisfy time-invariance conditions. The course will introduce the fundamental mathematics of linear spaces, linear operator theory, and then proceeds with the analysis of the response of linear time-variant systems. Advanced topics such as robust control, model predictive control, linear quadratic games and distributed control will be presented based on allowable time and interest from the class. The material learned in this course will form a valuable foundation for further work in systems, control, estimation, identification, detection, signal processing, and communications.

Course Note: Applied Mathematics 232 is also offered as Engineering Sciences 202. Students may not take both for credit.

Linear algebra, differential equations, and signals and systems (AM 120, ES 156, or equivalent). Undergraduates need permission.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 254

Mathematics of High-Dimensional Information Processing and Learning

TR 1200 PM - 0115 PM

Yue Lu

Course ID: 160447

2025 Fall (4 Credits)

Instructor Permission Required

This course introduces students to fundamental results and recently developed techniques in high-dimensional probability theory and statistical physics that have been successfully applied to the analysis of information processing and machine learning problems. Discussions will be focused on studying such problems in the high-dimensional limit, on analyzing the emergence of phase transitions, and on understanding the scaling limits of efficient algorithms. This course seeks to start from basics, assuming just a solid understanding of

undergraduate probability theory. Students will take an active role by exploring and applying what they learn from the course to their own research problems.

Course Note: Applied Mathematics 254 is also offered as Engineering Sciences 254. Students may not take both for credit.

Analysis (Math 21a/b, or equivalent), Probability (Statistics 110, Engineering Sciences 150, or equivalent), and Programming (Python, Julia, or Matlab).

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 299R

Course ID: 116840

Special Topics in Applied Mathematics

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Michael P. Brenner

Experimental or theoretical research project on acceptable problems in applied mathematics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 299R

Course ID: 116840

Special Topics in Applied Mathematics

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Yue Lu

Experimental or theoretical research project on acceptable problems in applied mathematics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 299R (002)

Course ID: 116840

Special Topics in Applied Mathematics

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Petros Koumoutsakos

Experimental or theoretical research project on acceptable problems in applied mathematics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 299R (003)

Course ID: 116840
2025 Fall (4 Credits)

Special Topics in Applied Mathematics

No meeting time listed

Instructor Permission Required

Yue Lu

Experimental or theoretical research project on acceptable problems in applied mathematics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 299R (004)

Course ID: 116840
2025 Fall (4 Credits)

Special Topics in Applied Mathematics

No meeting time listed

Instructor Permission Required

L Mahadevan

Experimental or theoretical research project on acceptable problems in applied mathematics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 299R (005)

Course ID: 116840
2025 Fall (4 Credits)

Special Topics in Applied Mathematics

No meeting time listed

Instructor Permission Required

Cengiz Pehlevan

Experimental or theoretical research project on acceptable problems in applied mathematics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 299R (006)

Course ID: 116840

Special Topics in Applied Mathematics

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Anna Seigal

Experimental or theoretical research project on acceptable problems in applied mathematics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 299R (007)

Course ID: 116840

Special Topics in Applied Mathematics

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Nick Trefethen

Experimental or theoretical research project on acceptable problems in applied mathematics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 299R (008)

Course ID: 116840

Special Topics in Applied Mathematics

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Melanie Weber

Experimental or theoretical research project on acceptable problems in applied mathematics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 299R (009)

Course ID: 116840

Special Topics in Applied Mathematics

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

SueYeon Chung

Experimental or theoretical research project on acceptable problems in applied mathematics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 318

Course ID: 116187

Special Topics in Physical Mathematics

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Michael P. Brenner

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 318

Course ID: 116187

Special Topics in Physical Mathematics

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Michael P. Brenner

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 320

Course ID: 118975

Topics in Macroscopic Physics and Quantitative Biology

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

L Mahadevan

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 320

Course ID: 118975

Topics in Macroscopic Physics and Quantitative Biology

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

L Mahadevan

FAS Divisional Distribution: Science & Engineering & Applied Science

APMTH 326

Course ID: 212607

Theoretical Neuroscience and Neural Computation

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Cengiz Pehlevan

FAS Divisional Distribution: None

APMTH 326	Course ID: 212607
Theoretical Neuroscience and Neural Computation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Cengiz Pehlevan</i>	

FAS Divisional Distribution: None

APMTH 327	Course ID: 224737
Numerical Algorithms	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Nick Trefethen</i>	

APMTH 327	Course ID: 224737
Numerical Algorithms	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Nick Trefethen</i>	

APMTH 328	Course ID: 219698
Advanced Computational Science	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Petros Koumoutsakos</i>	

APMTH 328	Course ID: 219698
Advanced Computational Science	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Petros Koumoutsakos</i>	

APMTH 336	Course ID: 220762
Topics in Geometry and Machine Learning	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Melanie Weber</i>	

APMTH 336	Course ID: 220762
Topics in Geometry and Machine Learning	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Melanie Weber</i>	

APMTH 338	Course ID: 222929
Applied Algebra	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Anna Seigal</i>	

Applied Physics

Applied Physics

APPHY 50A**Physics as a Foundation for Science and Engineering, Part I**

TR 0945 AM - 1230 PM

Julia Mundy, Kelly Miller

Course ID: 108880

2025 Fall (4 Credits)

Instructor Permission Required

AP 50A is the first half of a year-long, team- and project-based introduction to physics focusing on the application of physics to real-world problems. The AP 50A and B sequence, designed for engineering and physics concentrators, is equivalent in content and rigor to a standard calculus-based introductory physics course sequence. Lectures and exams are replaced by interactive, hands-on, and collaborative learning activities that will not only help you master physics concepts and hone your scientific reasoning and problem-solving skills, but also grow your capacity for self-directed learning and develop your collaborative skills. Course Content: Kinematics, mechanics, waves

Course Note: The assigned course time (Tu/Th 9:45 am to 12:30 pm) includes regular class activities, section activities, and time for project work. There are no other sections or laboratories.

Physics prerequisite: None. Prior physics at the high-school or college level not required. Math prerequisite: Single-variable calculus at the level of Mathematics 1b (can be taken concurrently). You should be comfortable performing basic derivatives and integrals of a single variable.

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 50B**Physics as a Foundation for Science and Engineering, Part II**

TR 0945 AM - 1230 PM

Kelly Miller, Doeke Hekstra

Course ID: 108882

2026 Spring (4 Credits)

Instructor Permission Required

AP 50B is the second half of a year-long, team- and project-based introduction to physics focusing on the application of physics to real-world problems. The AP 50A and B sequence, designed for engineering and physics concentrators, is equivalent in content and rigor to a standard calculus-based introductory physics course sequence. Lectures and exams are replaced by interactive, hands-on, and collaborative learning activities that will not only help you master physics concepts and hone your scientific reasoning and problem-solving skills, but also grow your capacity for self-directed learning and develop your collaborative skills. Course Content: Electromagnetism and optics

Course Note: The assigned course time (Tu/Th 9:45 am to 12:30 pm) includes regular class activities, section activities, and time for project work. There are no other sections or laboratories.

Physics prerequisite: AP50a or equivalent. Math prerequisite: Multivariable calculus at the level of Mathematics 21a (can be taken concurrently). You should be comfortable performing basic vector calculus, including line and surface integrals.

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 195A**Introduction to Solid State Physics**

MW 0300 PM - 0415 PM

Jenny Hoffman

Course ID: 131331

2025 Fall (4 Credits)

The physics of crystalline solids and their electric, magnetic, optical, and thermal properties. Designed as a first course in solid-state physics. Topics: free electron model; Drude model; the physics of crystal binding; crystal structure and vibration (phonons); x-ray diffraction; electrons in solids (Bloch theorem) and electronic band structures; metals and insulators; semiconductors (and their applications in pn junctions and transistors);

magnetism; superconductivity.

Course Note: APPHY 195A is also offered as PHYSICS 195A. Students may not take both for credit.

Physics 15a, 15b and 15c or the equivalent. Physics 143a. Physics 181 and Physics 143b (taken concurrently) helpful but not required.

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 195B

Introduction to Quantum Materials and Devices

MWF 0300 PM - 0415 PM

Robert Westervelt

This course provides an introduction to quantum materials and devices, including low-dimensional materials, single and double quantum dots, Josephson junctions, and graphene. Their behavior is explained using quantum and semiclassical transport, the Coulomb blockade, and superconductivity. Quantum devices offer new approaches for electronics and photonics.

Course Note: Formerly AP 171 and ENGSCI 171. Applied Physics 195B is also offered as Physics 195B. Students may not take both for credit.

Applied Physics 195A or Physics 195A, and Physics 143A or ES 170.

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 216

Quantum and Classical Electromagnetic Interaction with Matter

MW 0130 PM - 0245 PM

Donhee Ham

The first half of the course will cover the interaction of quantized atoms with electromagnetic fields, introducing a number of basic concepts such as coherent Rabi transitions vs. rate-equation dynamics, stimulated & spontaneous transitions, and energy & phase relaxations. These will be then used to study a range of applications of atom-field interactions, such as nuclear magnetic resonance, molecular beam and paramagnetic masers, passive and active atomic clocks, dynamic nuclear polarization, pulse sequence techniques to coherently manipulate atomic quantum states, and laser oscillators with applications. We will also touch upon the interaction of quantized atoms with quantized fields, discussing the atom + photon (Jaynes-Cummings) Hamiltonian, dressed states, and cavity quantum electrodynamics. The second half will cover the classical interaction of electromagnetic fields with matter, with special attentions to collective electrodynamics in particular, magnetohydrodynamics and plasma physics with applications in astrophysics, space physics, and Bloch electrons in crystalline solids.

Undergraduate-level electromagnetism and quantum mechanics are recommended.

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 218

Electrical, Optical, and Magnetic Properties of Materials

TR 1200 PM - 0115 PM

Robert Westervelt

This course covers the electrical, optical and magnetic properties of technologically important materials. It provides a quantitative description of their functional properties including dielectric, ferroelectric, and piezoelectric behavior, and their paramagnetic and ferromagnetic states. Electronic characteristics of semiconductors, dielectric materials, and superconductors will be covered, as well as the optical response including birefringence, Pockels effect, Kerr effect, and photoelasticity. In addition, special topics related to recent research will be addressed.

Solid-state physics or equivalent course.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 215415
2026 Spring (4 Credits)

Course ID: 141253
2026 Spring (4 Credits)

Course ID: 121594
2025 Fall (4 Credits)

Introduction to Soft Matter

TR 1030 AM - 1145 AM

David Weitz

This course will present a survey of soft matter physics, providing an overview of the richness and breadth of the field. The emphasis will be on the physics of the systems, rather than on the formalism. It will cover most of the fields of interest within soft matter physics, both current and through the history of the field. The course is intended to be of value to both experimentalists and theorists.

Applied Physics 284 or Physics 262. Knowledge of basic thermodynamics, statistical mechanics and differential equations.

FAS Divisional Distribution: Science & Engineering & Applied Science

Chemistry in Materials Science and Engineering

MW 0215 PM - 0330 PM

*Instructor Permission Required**Joanna Aizenberg*

Select topics in materials chemistry, focusing on chemical bonds, crystal chemistry, organic and polymeric materials, hybrid materials, surfaces and interfaces, self-assembly, electrochemistry, biomaterials, and bio-inspired materials synthesis.

Introductory thermodynamics, chemistry or equivalent.

FAS Divisional Distribution: Science & Engineering & Applied Science

Physical Electrochemistry and its Applications to Sustainable Engineering

MW 1030 AM - 1145 AM

Zachary Schiffer

This course introduces electrochemical systems through the lens of thermodynamics, kinetics, and transport. We begin by asking what fundamental role an electron plays in a chemical reaction, then we move to methods to treat electrons through traditional chemical kinetic theories, and last, we discuss entire systems and how mass transport affects chemistry. Throughout the course, we will focus on examples from industry, and we will finish by combining all the above into a discussion on electrochemical interfaces in some practical systems.

Students should have had a year of introductory physics (e.g., APPHY 50a/b or PHYSCI 12a/b or Physics 15a or equivalent), an undergraduate general chemistry course (e.g., PS 11), an introductory classical thermodynamics course (e.g., ES 181, ES 112 or CHEM 161), and some form of introduction to mass transport that covers diffusion (e.g., ES 123).

FAS Divisional Distribution: Science & Engineering & Applied Science

Computational Design of Materials

TR 1030 AM - 1145 AM

Boris Kozinsky

This course covers theoretical background and practical hands-on applications of modern computational atomistic methods used to understand and design properties of advanced functional materials. Topics include classical interatomic potentials and machine learning methods, quantum first-principles electronic structure models based on wave functions and density functional theory, Monte Carlo sampling and molecular dynamics simulations of phase transitions and free energies, fluctuations and transport properties. Applications include atomistic and electronic effects in materials for energy conversion and storage, catalysis, alloys, polymers, and low-dimensional materials.

Course Note: Applied Physics 275 is also offered as Applied Computation 275. Students may not take both for credit.

Undergraduate coursework in quantum mechanics and solid-state physics, physical chemistry, linear algebra,

APPHY 276

Platforms for Quantum Science

TR 1200 PM - 0115 PM

Giulia Semeghini

The course introduces various aspects of quantum science, including quantum computing, quantum simulation, quantum communication and quantum metrology. It will particularly focus on the presentation of different experimental platforms currently used in the field and include superconducting qubits, trapped ions, neutral atoms, defects in solids, photons, among others. The course will cover an introduction of the general goals and essential prerequisites for these platforms; it will elucidate their operational principles and highlight some of their most significant and recent achievements, as well as the main challenges in their development.

Quantum mechanics at the level of introductory graduate courses.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 223996
2026 Spring (4 Credits)

APPHY 282

Solids: Structure and Defects

TR 0900 AM - 1015 AM

Frans Spaepen

Bonding, crystallography, diffraction, phase diagrams, microstructure, point defects, dislocations, and grain boundaries.

Course Note: Intended for students in applied mechanics, materials science, condensed matter physics, chemistry, and earth sciences. Offered every other year.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 142998
2025 Fall (4 Credits)

APPHY 284

Statistical Mechanics

MWF 1200 PM - 0115 PM

SueYeon Chung, Sunghan Ro

Basic principles of statistical physics with applications including: the equilibrium properties of classical and quantum gases; phase diagrams, phase transitions and critical points, as illustrated by the gas-liquid transition and simple magnetic models; Bose-Einstein condensation.

Course Note: Also offered as Physics 262. Either course can be used to satisfy the statistical mechanics requirement in the Physics PhD program or the Applied Physics model PhD program.

Physics 143a and Physics 181 or Engineering Sciences 181.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 131392
2025 Fall (4 Credits)

APPHY 286

Inference, Information Theory, Learning and Statistical Mechanics

TR 0130 PM - 0245 PM

Sharad Ramanathan

This course focuses on the modern applications of Statistical Mechanics. We will learn the basics of information theory, coding and compression. We will next learn about Bayesian Inference, priors and maximizing entropy, which will naturally lead us to regularization and compressed sensing. We will then cover learning: support vector machines, vc dimension, supervised, reinforcement and unsupervised learning. These topics, which build on each other, will be taught using examples in the primary literature with an emphasis on applying the framework we develop. Applications will be taught through problems in genomics, neuroscience, geophysics, and engineering.

Course Note: Applied Physics 286 is also offered as Physics 286. Students may not take both for credit.

Course ID: 212685
2025 Fall (4 Credits)
Instructor Permission Required

Comfort with Linear Algebra, Calculus is necessary, undergraduate Statistical Mechanics would be useful but not necessary.

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 290A

Research Practices and Academic Culture in Applied Sciences and Engineering

R 0300 PM - 0500 PM

Course ID: 225969
2026 Spring (2 Credits)

This course supports new PhD students in finding their research fit, building good research habits, and becoming a researcher. It consists of two 2-unit courses: 290a (spring of G1 year) focuses on adapting to a research group, developing strong reading and writing habits, and preparing students for teaching during their G2 year; 290b (fall of G2 year) focuses on oral communication and on preparing students for the qualifying exam. This course also develops other skills necessary for success in graduate school such as setting goals, peer feedback, research ethics, collaboration and teamwork, and negotiation.

Course Note: This course is open and optional for all SEAS G1 PhD students outside CS (CS PhD students should take CS 2901/2902). This course can only count as a 'breadth course' towards SEAS PhD requirements.

Requires: Pre-requisite: Open to first year Applied Mathematics, Applied Physics, or Engineering Sciences students only

FAS Divisional Distribution: None

APPHY 290B

Research Practices and Academic Culture in Applied Sciences and Engineering

R 0300 PM - 0500 PM

David Weitz, Vinothan Manoharan, John Girash

Course ID: 226046
2025 Fall (2 Credits)

This course supports new PhD students in finding their research fit, building good research habits, and becoming a researcher. It consists of two 2-unit courses: 290a (spring of G1 year) focuses on adapting to a research group, developing strong reading and writing habits, and preparing students for teaching during their G2 year; 290b (fall of G2 year) focuses on oral communication and on preparing students for the qualifying exam. This course also develops other skills necessary for success in graduate school such as setting goals, peer feedback, research ethics, collaboration and teamwork, and negotiation.

Course Note: This course is open and optional for all SEAS G2 PhD students outside CS (CS PhD students should take CS 2901/2902). This course can only count as a 'breadth course' towards PhD course requirements. G3-year students in Applied Mathematics, Applied Physics, or Engineering Sciences who have not yet taken the qualifying exam may also enroll for fall 2025.

Requires: Pre-requisite: Open to second year Applied Mathematics, Applied Physics, or Engineering Sciences students only

FAS Divisional Distribution: None

APPHY 291

Electron Microscopy Laboratory

M 0130 PM - 0245 PM

David Bell

Course ID: 116509
2026 Spring (4 Credits)

Instructor Permission Required

Lectures and laboratory instruction on transmission electron microscopy (TEM) and Cs corrected, aberration-correction microscopy and microanalysis. Lab classes include; diffraction, dark field imaging, X-ray spectroscopy, electron energy-loss spectroscopy, atomic imaging, materials sample preparation, polymers, and biological samples.

Course Note: Primarily for graduate students planning to use TEM for their research.

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 295A

Introduction to Quantum Theory of Solids

Course ID: 143855
2025 Fall (4 Credits)

MWF 1200 PM - 0115 PM

Philip Kim

Lattices and symmetries. Electronic Structure of Crystals. Semiclassical Transport Theory. Semiconductors. Localization. Integer Quantum Hall effect. Topological Insulators. Phonons. Additional topics from the theory of interacting electrons, including introduction to magnetism and superconductivity.

Course Note: Also offered as Physics 295a. Students may not take both for credit.

One course on graduate quantum mechanics and one course on graduate statistical mechanics. Undergraduate course on solid state physics helpful, but not necessary.

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 295B

Quantum Theory of Solids

W 0300 PM - 0545 PM

Ashvin Vishwanath

A course on the application of the principles of many-particle quantum mechanics to the properties of solids. The objective is to make students familiar with the tools of second quantization and diagrammatic perturbation theory, while describing the theory of the electron liquid, the BCS theory of superconductivity, and theory of magnetism in metals and insulators. Modern topics on correlated electron systems will occupy the latter part of the course.

Course Note: Applied Physics 295b is also offered as Physics 295b. Students may not take both for credit.

Physics 251a,b, an introductory course in solid state physics, or permission of instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 296

Mesoscale and Low Dimensional Devices

TR 0130 PM - 0245 PM

Donhee Ham

Concepts of condensed matter physics are applied to the science and technology of beyond-CMOS devices, in particular, mesoscale, low-dimensional, and superconducting devices. Topics include: quantum dots/wires/wells and two-dimensional (2D) materials; optoelectronics with confined electrons; conductance quantization, Landauer-Buttiker formalism, and resonant tunneling; magneto oscillation; integer and fractional quantum Hall effects; Berry phase and topology in condensed matter physics; various Hall effects (anomalous, spin, valley, etc.); Weyl semimetal; topological insulator; spintronic devices and circuits; collective electron behaviors in low dimensions and applications; Cooper-pair boxes and superconducting quantum circuits.

Course Note: Also offered as Physics 296 and QSE 296. Students may only take one of AP 296, Physics 296, and QSE 296 for credit.

Undergrad level condensed matter physics (AP/P195).

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 299QR

Special Topics in Applied Physics (2-unit version)

No meeting time listed

Federico Capasso

Course ID: 218911

2025 Fall (2 Credits)

Instructor Permission Required

Experimental or theoretical research project on acceptable problems in applied mathematics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: 2-unit version of AP 299r. Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

APPHY 299QR

Special Topics in Applied Physics (2-unit version)

Course ID: 218911
2026 Spring (2 Credits)

No meeting time listed

Instructor Permission Required

Federico Capasso

Experimental or theoretical research project on acceptable problems in applied mathematics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: 2-unit version of AP 299r. Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: None

APPHY 299R

Special Topics in Applied Physics

Course ID: 131373
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Joanna Aizenberg

Experimental or theoretical research project on acceptable problems in applied physics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 299R

Special Topics in Applied Physics

Course ID: 131373
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Federico Capasso

Experimental or theoretical research project on acceptable problems in applied physics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 299R (002)

Course ID: 131373
2025 Fall (4 Credits)

Special Topics in Applied Physics

No meeting time listed

Instructor Permission Required

Michael Aziz

Experimental or theoretical research project on acceptable problems in applied physics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 299R (003)

Course ID: 131373
2025 Fall (4 Credits)

Special Topics in Applied Physics

No meeting time listed

Instructor Permission Required

Federico Capasso

Experimental or theoretical research project on acceptable problems in applied physics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 299R (004)

Course ID: 131373
2025 Fall (4 Credits)

Special Topics in Applied Physics

No meeting time listed

Instructor Permission Required

Lene Hau

Experimental or theoretical research project on acceptable problems in applied physics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 299R (005)

Course ID: 131373
2025 Fall (4 Credits)

Special Topics in Applied Physics

No meeting time listed

Instructor Permission Required

Efthimios Kaxiras

Experimental or theoretical research project on acceptable problems in applied physics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 299R (006)

Special Topics in Applied Physics

Course ID: 131373

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Philip Kim

Experimental or theoretical research project on acceptable problems in applied physics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 299R (007)

Special Topics in Applied Physics

Course ID: 131373

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Vinothan Manoharan

Experimental or theoretical research project on acceptable problems in applied physics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 299R (008)

Special Topics in Applied Physics

Course ID: 131373

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Eric Mazur

Experimental or theoretical research project on acceptable problems in applied physics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard,

enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 299R (009)

Course ID: 131373

Special Topics in Applied Physics

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Daniel Needleman

Experimental or theoretical research project on acceptable problems in applied physics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 299R (010)

Course ID: 131373

Special Topics in Applied Physics

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

David R. Nelson

Experimental or theoretical research project on acceptable problems in applied physics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 299R (011)

Course ID: 131373

Special Topics in Applied Physics

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Maxim Prigozhin

Experimental or theoretical research project on acceptable problems in applied physics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact

gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 299R (012)

Course ID: 131373
2025 Fall (4 Credits)

Special Topics in Applied Physics

No meeting time listed

Instructor Permission Required

Sharad Ramanathan

Experimental or theoretical research project on acceptable problems in applied physics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 299R (013)

Course ID: 131373
2025 Fall (4 Credits)

Special Topics in Applied Physics

No meeting time listed

Instructor Permission Required

Zachary Schiffer

Experimental or theoretical research project on acceptable problems in applied physics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 299R (014)

Course ID: 131373
2025 Fall (4 Credits)

Special Topics in Applied Physics

No meeting time listed

Instructor Permission Required

Giulia Semeghini

Experimental or theoretical research project on acceptable problems in applied physics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 299R (015)

Course ID: 131373
2025 Fall (4 Credits)

Special Topics in Applied Physics

No meeting time listed

Instructor Permission Required

Frans Spaepen

Experimental or theoretical research project on acceptable problems in applied physics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 299R (016)

Course ID: 131373
2025 Fall (4 Credits)

Special Topics in Applied Physics

No meeting time listed

Instructor Permission Required

Eli Tziperman

Experimental or theoretical research project on acceptable problems in applied physics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 299R (017)

Course ID: 131373
2025 Fall (4 Credits)

Special Topics in Applied Physics

No meeting time listed

Instructor Permission Required

David Weitz

Experimental or theoretical research project on acceptable problems in applied physics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 299R (018)

Course ID: 131373
2025 Fall (4 Credits)

Special Topics in Applied Physics

No meeting time listed

Instructor Permission Required

Robert Westervelt

Experimental or theoretical research project on acceptable problems in applied physics supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 302	Course ID: 121977
Applied Condensed Matter Physics	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Donhee Ham</i>	

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 302	Course ID: 121977
Applied Condensed Matter Physics	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Donhee Ham</i>	

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 304	Course ID: 123949
Materials Science of Biological Inorganic Nanostructures	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Joanna Aizenberg</i>	

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 304	Course ID: 123949
Materials Science of Biological Inorganic Nanostructures	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Joanna Aizenberg</i>	

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 320	Course ID: 215832
Multicolor and Time-resolved Electron Microscopy	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Maxim Prigozhin</i>	

FAS Divisional Distribution: None

APPHY 320
Multicolor and Time-resolved Electron Microscopy
No meeting time listed
Maxim Prigozhin

Course ID: 215832
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

APPHY 322
Materials Physics and Engineering
No meeting time listed
David Clarke

Course ID: 125476
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 322
Materials Physics and Engineering
No meeting time listed
David Clarke

Course ID: 125476
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 326
Optics with Cold Atoms, Nano-structures, and Bio-molecules
No meeting time listed
Lene Hau

Course ID: 116852
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 326
Optics with Cold Atoms, Nano-structures, and Bio-molecules
No meeting time listed
Lene Hau

Course ID: 116852
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 330
Heterogeneous Nanophotonic Devices and Bio-templated Electronic Materials
No meeting time listed
Evelyn Hu

Course ID: 125472
2025 Fall (4 Credits)
Instructor Permission Required

APPHY 330
Heterogeneous Nanophotonic Devices and Bio-templated Electronic Materials

Course ID: 125472
2026 Spring (4 Credits)

No meeting time listed
Evelyn Hu

Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 332
Experimental Condensed Matter Physics

Course ID: 131285
2025 Fall (4 Credits)

No meeting time listed
Robert Westervelt

Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 332
Experimental Condensed Matter Physics

Course ID: 131285
2026 Spring (4 Credits)

No meeting time listed
Robert Westervelt

Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 336
Theoretical Study of the Structure and Electronic Properties of Nanoscale Materials and Biological M

Course ID: 148255
2025 Fall (4 Credits)

No meeting time listed
Efthimios Kaxiras

Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 336
Theoretical Study of the Structure and Electronic Properties of Nanoscale Materials and Biological M

Course ID: 148255
2026 Spring (4 Credits)

No meeting time listed
Efthimios Kaxiras

Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 342
Nano-Lasers and Single-Photon Sources

Course ID: 122881
2025 Fall (4 Credits)

No meeting time listed
Marko Loncar

Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 342

Nano-Lasers and Single-Photon Sources

No meeting time listed

Marko Loncar

Course ID: 122881
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 350

Experimental Physics in Low Dimensional Materials

No meeting time listed

Philip Kim

Course ID: 156736
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 350

Experimental Physics in Low Dimensional Materials

No meeting time listed

Philip Kim

Course ID: 156736
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 356

Special Topics in Theoretical Engineering

No meeting time listed

Michael P. Brenner

Course ID: 116189
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 356

Special Topics in Theoretical Engineering

No meeting time listed

Michael P. Brenner

Course ID: 116189
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 360

Nonlinear Laser Physics and Materials Engineering

No meeting time listed

Eric Mazur

Course ID: 133140
2025 Fall (4 Credits)

Instructor Permission Required

APPHY 360
Nonlinear Laser Physics and Materials Engineering
No meeting time listed
Eric Mazur

Course ID: 133140
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 362
Photonics, Quantum Devices and Nanostructures
No meeting time listed
Federico Capasso

Course ID: 117862
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 362
Photonics, Quantum Devices and Nanostructures
No meeting time listed
Federico Capasso

Course ID: 117862
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 364
Experimental Soft Condensed Matter Physics
No meeting time listed
David Weitz

Course ID: 112454
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 364
Experimental Soft Condensed Matter Physics
No meeting time listed
David Weitz

Course ID: 112454
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 368
Topics on Condensed Matter Physics
No meeting time listed
David R. Nelson

Course ID: 113715
2025 Fall (4 Credits)
Instructor Permission Required

APPHY 368

Topics on Condensed Matter Physics

No meeting time listed

David R. Nelson

Course ID: 113715

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 372

Biological Physics and Quantitative Biology

No meeting time listed

Daniel Needleman

Course ID: 125419

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 372

Biological Physics and Quantitative Biology

No meeting time listed

Daniel Needleman

Course ID: 125419

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 374

Signaling Processing and Systems Biology

No meeting time listed

Sharad Ramanathan

Course ID: 126172

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 374

Signaling Processing and Systems Biology

No meeting time listed

Sharad Ramanathan

Course ID: 126172

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 380

Electrochemical Engineering for Sustainable Systems

No meeting time listed

Zachary Schiffer

Course ID: 223118

2025 Fall (4 Credits)

Instructor Permission Required

APPHY 380	Course ID: 223118
Electrochemical Engineering for Sustainable Systems	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Zachary Schiffer</i>	

APPHY 382	Course ID: 220769
Quantum Simulation and Computation with Programmable Atom Arrays	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Giulia Semeghini</i>	

APPHY 382	Course ID: 220769
Quantum Simulation and Computation with Programmable Atom Arrays	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Giulia Semeghini</i>	

APPHY 384	Course ID: 121287
Topics in Atmospheric and Climate Dynamics	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Zhiming Kuang</i>	

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 384	Course ID: 121287
Topics in Atmospheric and Climate Dynamics	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Zhiming Kuang</i>	

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 388	Course ID: 118649
Climate Dynamics and Physical Oceanography	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Eli Tziperman</i>	

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 388	Course ID: 118649
Climate Dynamics and Physical Oceanography	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Eli Tziperman</i>	

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 392	Course ID: 120887
Experimental Soft Condensed Matter and Materials Physics	2025 Fall (4 Credits)

No meeting time listed
Vinothan Manoharan

Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 392
Experimental Soft Condensed Matter and Materials Physics
No meeting time listed
Vinothan Manoharan

Course ID: 120887
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 396
Topics in Materials Science
No meeting time listed
Michael Aziz

Course ID: 142229
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 396
Topics in Materials Science
No meeting time listed
Michael Aziz

Course ID: 142229
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 398
Materials Science
No meeting time listed
Frans Spaepen

Course ID: 148042
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

APPHY 398
Materials Science
No meeting time listed
Frans Spaepen

Course ID: 148042
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

Architecture, Landscape Arch, and Urban Planning

Design

DESIGN 300 (0005) Reading and Research in Architecture, Landscape Architecture, or Urban Planning <i>No meeting time listed</i> <i>Sarah Whiting</i>	Course ID: 117756 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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DESIGN 300 (0005) Reading and Research in Architecture, Landscape Architecture, or Urban Planning <i>No meeting time listed</i> <i>Sarah Whiting</i>	Course ID: 117756 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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DESIGN 300 (0007) Reading and Research in Architecture, Landscape Architecture, or Urban Planning <i>No meeting time listed</i> <i>Jerold Kayden</i>	Course ID: 117756 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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DESIGN 300 (0007) Reading and Research in Architecture, Landscape Architecture, or Urban Planning <i>No meeting time listed</i> <i>Jerold Kayden</i>	Course ID: 117756 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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DESIGN 300 Reading and Research in Architecture, Landscape Architecture, or Urban Planning <i>No meeting time listed</i> <i>Antoine Picon</i>	Course ID: 117756 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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DESIGN 300 Reading and Research in Architecture, Landscape Architecture, or Urban Planning <i>No meeting time listed</i> <i>Antoine Picon</i>	Course ID: 117756 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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DESIGN 300 (002) Reading and Research in Architecture, Landscape Architecture, or Urban Planning <i>No meeting time listed</i> <i>K. Hays</i>	Course ID: 117756 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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DESIGN 300 (002) Reading and Research in Architecture, Landscape Architecture, or Urban Planning <i>No meeting time listed</i> <i>K. Hays</i>	Course ID: 117756 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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DESIGN 300 (003) Reading and Research in Architecture, Landscape Architecture, or Urban Planning <i>No meeting time listed</i> <i>Erika Naginski</i>	Course ID: 117756 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
DESIGN 300 (003) Reading and Research in Architecture, Landscape Architecture, or Urban Planning <i>No meeting time listed</i> <i>Erika Naginski</i>	Course ID: 117756 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
DESIGN 300 (004) Reading and Research in Architecture, Landscape Architecture, or Urban Planning <i>No meeting time listed</i> <i>Eve Blau</i>	Course ID: 117756 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
DESIGN 300 (004) Reading and Research in Architecture, Landscape Architecture, or Urban Planning <i>No meeting time listed</i> <i>Eve Blau</i>	Course ID: 117756 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
DESIGN 300 (006) Reading and Research in Architecture, Landscape Architecture, or Urban Planning <i>No meeting time listed</i> <i>Peter Galison</i>	Course ID: 117756 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
DESIGN 300 (006) Reading and Research in Architecture, Landscape Architecture, or Urban Planning <i>No meeting time listed</i> <i>Peter Galison</i>	Course ID: 117756 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
DESIGN 300 (008) Reading and Research in Architecture, Landscape Architecture, or Urban Planning <i>No meeting time listed</i> <i>Alina Payne</i>	Course ID: 117756 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
DESIGN 300 (008) Reading and Research in Architecture, Landscape Architecture, or Urban Planning <i>No meeting time listed</i> <i>Alina Payne</i>	Course ID: 117756 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
DESIGN 300 (009) Reading and Research in Architecture, Landscape Architecture, or Urban Planning	Course ID: 117756 2025 Fall (4 Credits)

No meeting time listed
Christine Smith

Instructor Permission Required

DESIGN 300 (009)
Reading and Research in Architecture, Landscape Architecture, or Urban Planning

Course ID: 117756
2026 Spring (4 Credits)

No meeting time listed
Christine Smith

Instructor Permission Required

DESIGN 300 (011)
Reading and Research in Architecture, Landscape Architecture, or Urban Planning

Course ID: 117756
2025 Fall (4 Credits)

No meeting time listed
Joyce Chaplin

Instructor Permission Required

DESIGN 300 (011)
Reading and Research in Architecture, Landscape Architecture, or Urban Planning

Course ID: 117756
2026 Spring (4 Credits)

No meeting time listed
Joyce Chaplin

Instructor Permission Required

DESIGN 300 (012)
Reading and Research in Architecture, Landscape Architecture, or Urban Planning

Course ID: 117756
2025 Fall (4 Credits)

No meeting time listed
Edward Eigen

Instructor Permission Required

DESIGN 300 (012)
Reading and Research in Architecture, Landscape Architecture, or Urban Planning

Course ID: 117756
2026 Spring (4 Credits)

No meeting time listed
Edward Eigen

Instructor Permission Required

DESIGN 300 (013)
Reading and Research in Architecture, Landscape Architecture, or Urban Planning

Course ID: 117756
2025 Fall (4 Credits)

No meeting time listed
Sheila Jasanoff

Instructor Permission Required

DESIGN 300 (013)
Reading and Research in Architecture, Landscape Architecture, or Urban Planning

Course ID: 117756
2026 Spring (4 Credits)

No meeting time listed
Sheila Jasanoff

Instructor Permission Required

DESIGN 300 (014)
Reading and Research in Architecture, Landscape Architecture, or Urban Planning

Course ID: 117756
2025 Fall (4 Credits)

No meeting time listed
Ali Malkawi

Instructor Permission Required

DESIGN 300 (014) Reading and Research in Architecture, Landscape Architecture, or Urban Planning <i>No meeting time listed</i> <i>Ali Malkawi</i>	Course ID: 117756 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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DESIGN 300 (015) Reading and Research in Architecture, Landscape Architecture, or Urban Planning <i>No meeting time listed</i> <i>Diane Davis</i>	Course ID: 117756 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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DESIGN 300 (015) Reading and Research in Architecture, Landscape Architecture, or Urban Planning <i>No meeting time listed</i> <i>Diane Davis</i>	Course ID: 117756 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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DESIGN 300 (016) Reading and Research in Architecture, Landscape Architecture, or Urban Planning <i>No meeting time listed</i> <i>Neil Brenner</i>	Course ID: 117756 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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DESIGN 302 Teaching	Course ID: 208326 2025 Fall (4 Credits)
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DESIGN 302 Teaching	Course ID: 208326 2026 Spring (4 Credits)
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DESIGN 303 Research Faculty Related	Course ID: 208327 2025 Fall (4 Credits)
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DESIGN 303 Research Faculty Related	Course ID: 208327 2026 Spring (4 Credits)
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DESIGN 304 Direction of Doctoral Dissertations in Architecture <i>No meeting time listed</i>	Course ID: 111709 2025 Fall (4 Credits)
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Indicates time spent researching, reading, or writing in relation to doctoral studies.

FAS Divisional Distribution: None

DESIGN 304

Direction of Doctoral Dissertations in Architecture

No meeting time listed

Course ID: 111709
2026 Spring (4 Credits)

Indicates time spent researching, reading, or writing in relation to doctoral studies.

FAS Divisional Distribution: None

DESIGN 307

Direction of Doctoral Dissertations in Landscape Architecture

No meeting time listed

Course ID: 120264
2025 Fall (4 Credits)

Indicates time spent researching, reading, or writing in relation to doctoral studies.

FAS Divisional Distribution: None

DESIGN 307

Direction of Doctoral Dissertations in Landscape Architecture

No meeting time listed

Course ID: 120264
2026 Spring (4 Credits)

Indicates time spent researching, reading, or writing in relation to doctoral studies.

FAS Divisional Distribution: None

DESIGN 310

Direction of Doctoral Dissertations in Urban Planning

No meeting time listed

Course ID: 115401
2025 Fall (4 Credits)

Indicates time spent researching, reading, or writing in relation to doctoral studies.

FAS Divisional Distribution: None

DESIGN 310

Direction of Doctoral Dissertations in Urban Planning

No meeting time listed

Course ID: 115401
2026 Spring (4 Credits)

Indicates time spent researching, reading, or writing in relation to doctoral studies.

FAS Divisional Distribution: None

Art, Film, and Visual Studies

Art, Film, and Visual Studies

AFVS 11G (1)

Exploring the Human Form: An Introduction to Figure Drawing

F 1200 PM - 0415 PM

Course ID: 222793

2026 Spring (4 Credits)

Instructor Permission Required

In this introductory figure drawing course, you'll embark on a structured and guided journey of exploration into the world of figure drawing. Through direct observation of a live nude model, you will progressively establish a strong foundation in the fundamentals of life drawing and approach. The course is designed around a series of assigned projects that will challenge you to address both technical and conceptual aspects of figure drawing. You will be encouraged to view the human body as a source of artistic exploration, fostering a deeper understanding of its form and expressive potential.

The instructor of this course is Maria Gamboa.

FAS Divisional Distribution: Arts and Humanities

AFVS 13 (1)

ASCO: Drawing as Intervention

F 1200 PM - 0415 PM

Course ID: 226383

2025 Fall (4 Credits)

Instructor Permission Required

ASCO, Spanish for "Disgust" or "Nausea," evokes discomfort—an apt name for the Chicano art collective whose subversive performances and interventions challenged cultural invisibility and institutional exclusion in 1970s East Los Angeles. Rejecting artistic boundaries, ASCO transformed drawing into an act of resistance, using murals and graffiti, printmaking, photography, performance, and installation to reclaim space and disrupt dominant narratives. This course takes ASCO's radical defiance as a starting point for an interdisciplinary exploration of drawing as both a visual and conceptual practice. While ASCO's legacy is central, we will also examine the broader Chicano art movement, its key figures, and its ongoing influence on contemporary artistic and activist practices. Expanding traditional notions of mark-making, we will investigate drawing's role in activism, public engagement, and self-representation through experimental approaches including collage, ephemeral media, and performative gestures.

Course Note: Open to students of all disciplines and experience levels, this course encourages risk-taking, critical engagement, and a reimagining of drawing's possibilities in contemporary discourse.

The instructor of this course is Maria Gamboa. FALL 2025: To enroll in this class, visit the course web site for instructions BEFORE sending a petition via my.harvard.

FAS Divisional Distribution: Arts and Humanities

AFVS 15AR (1)

Silkscreen

TR 1200 PM - 0245 PM

Annette Lemieux

Course ID: 121758

2025 Fall (4 Credits)

Instructor Permission Required

For the student who is interested in the manipulation of found and original imagery. Students will create monotypes on paper and other surfaces utilizing the silkscreen process. Through slide presentations, the class will be introduced to the work of artists such as Rauschenberg and Warhol, as well as others who use the silkscreen process.

Course Note: No previous studio experience necessary.

FALL 2025: To enroll in this class, visit the course web site for instructions BEFORE sending a petition via my.harvard.

FAS Divisional Distribution: Arts and Humanities

AFVS 40S (1)

Introduction to Photography

R 0130 PM - 0545 PM

Keisha Scarville

Course ID: 224455

2026 Spring (4 Credits)

Instructor Permission Required

This studio course will introduce you to the conceptual and artistic potential of photography. Your understanding and use of the medium will be contextualized within contemporary and historic photographic art practices. Your own art practice will be developed alongside technical skills. We will discuss topics such as the ethics of photographing people, how to make meaningful images amid the proliferation of digital images, and traits that are unique to photography. This class is organized around presentations on artists' work, presentations on photographic concepts, studio assignments, individual meetings with the instructor and breakout meetings with

peers to develop your practice, technical skill workshops, readings, reading discussions, group critiques, and visiting artist presentations.

Course Note: The instructor of this course is Keisha Scarville.

Curiosity and a strong work ethic are required. No prior visual art studio experience is necessary for enrollment in this class.

FAS Divisional Distribution: Arts and Humanities

AFVS 41A

Course ID: 122184

Introduction to Photography

2025 Fall (4 Credits)

MW 0945 AM - 1145 AM

Instructor Permission Required

Sharon Harper

This studio course will introduce you to the conceptual and artistic potential of photography. Your understanding and use of the medium will be contextualized within contemporary and historic photographic art practices. Your own art practice will be developed alongside technical skills. We will discuss topics such as the ethics of photographing people, how to make meaningful images amid the proliferation of digital images, and traits that are unique to photography. This class is organized around presentations on artists' work and on photographic concepts, studio assignments, individual meetings with the instructor, technical skill workshops, readings, reading discussions, group critiques, and visiting artist presentations. Curiosity, a strong work ethic, and a sense of adventure are required.

Course Note: No prior art experience necessary for enrollment in this class.

FALL 2025: To enroll in this class, visit the course web site for instructions BEFORE sending a petition via my.harvard.

FAS Divisional Distribution: Arts and Humanities

AFVS 41A (002)

Course ID: 122184

Introduction to Photography

2025 Fall (4 Credits)

MW 1245 PM - 0245 PM

Instructor Permission Required

Sharon Harper

This studio course will introduce you to the conceptual and artistic potential of photography. Your understanding and use of the medium will be contextualized within contemporary and historic photographic art practices. Your own art practice will be developed alongside technical skills. We will discuss topics such as the ethics of photographing people, how to make meaningful images amid the proliferation of digital images, and traits that are unique to photography. This class is organized around presentations on artists' work and on photographic concepts, studio assignments, individual meetings with the instructor, technical skill workshops, readings, reading discussions, group critiques, and visiting artist presentations. Curiosity, a strong work ethic, and a sense of adventure are required.

Course Note: No prior art experience necessary for enrollment in this class.

FALL 2025: To enroll in this class, visit the course web site for instructions BEFORE sending a petition via my.harvard.

FAS Divisional Distribution: Arts and Humanities

AFVS 42L (1)

Course ID: 225832

Introduction to Photography: Looking In, Looking Out

2026 Spring (4 Credits)

T 0130 PM - 0545 PM

Instructor Permission Required

This course will introduce you to the conceptual, artistic potential of photography. Your understanding and use of the medium will be contextualized within contemporary and historic photographic art practices. Your own art practice based in part from your interior life will be developed alongside technical skills. We will discuss topics such as the ethics of photographing people, how to make meaningful images amid the proliferation of digital images, and traits that are unique to photography. This class is organized around presentations on artists' work, presentations on photographic concepts, assignments around portraiture, self-portraiture, lighting, studio, still life, landscape, conceptual, and documentary themes, individual meetings with the instructor and breakout meetings with peers to develop your practice, technical skill workshops, readings, reading discussions, group critiques, and visiting artist presentations. Curiosity, a strong work ethic and a sense of adventure are required.

*Course Note: No prior art experience necessary for enrollment in this class.
The professor of this course is Richard Renaldi.*

AFVS 50A

Course ID: 114351
2025 Fall (4 Credits)

Introduction to Nonfiction Filmmaking

MW 0300 PM - 0545 PM

Instructor Permission Required

Sky Hopinka

Introductory exercises in live-action 16mm filmmaking culminating in the production of a nonfiction film as a group project in the spring term. Part one of a two-part series. Students are required to take both parts A and B of the course within the same academic year.

Course Note: There are no prerequisites for this course; it serves as a prerequisite for AFVS 50B.

FALL 2025: To enroll in this class, visit the course web site for instructions BEFORE sending a petition via my.harvard.

FAS Divisional Distribution: None

Full Year Course: Indivisible Course

AFVS 50B (1)

Course ID: 159860
2026 Spring (4 Credits)

Introduction to Nonfiction Filmmaking

MW 0300 PM - 0545 PM

Sky Hopinka

Introductory exercises in live-action 16mm filmmaking culminating in the production of a nonfiction film as a group project in the spring term. Students must complete both terms of this course (part A and part B) within the same academic year to receive credit.

Requires: Pre-requisite: AFVS 50A

Full Year Course: Indivisible Course

FAS Divisional Distribution: Arts and Humanities

AFVS 52

Course ID: 108859
2025 Fall (4 Credits)

Introduction to Nonfiction Videomaking

MW 1200 PM - 0245 PM

Instructor Permission Required

Sky Hopinka

This production course introduces students to the concepts and practices of nonfiction film. Students will learn the fundamentals of making compelling images and watch films that define the genre. The heart of the class is an independent project, an observational film, the subject of which is the student's choosing. In the process of creating this film, students will become familiar with the technical aspects of videomaking as well as professional editing software.

FALL 2025: To enroll in this class, visit the course web site for instructions BEFORE sending a petition via my.harvard.

FAS Divisional Distribution: Arts and Humanities

AFVS 52P (1)

Course ID: 226418
2026 Spring (4 Credits)

Introduction to Nonfiction Videomaking

MW 0900 AM - 1145 AM

Instructor Permission Required

Joana Pimenta

This course is an introduction to documentary filmmaking. We will explore a range of approaches to nonfiction filmmaking through assignments which encompass video and sound recording and editing, cinematography and montage. Following a series of introductory nonfiction camera, sound and editing exercises, both individual and collaborative, designed to introduce and explore the range of expressive possibilities in digital video, each student will spend the semester making a single nonfiction film on a subject of their choice. Class time will include technical workshops, film screenings, discussions of student work and occasional visiting filmmakers.

AFVS 53AR
Fundamentals of Animation

Course ID: 110676
2025 Fall (4 Credits)

W 1200 PM - 0415 PM

Instructor Permission Required

Ruth Lingford

An introduction to the possibilities of animation for absolute beginners.

Course Note: There are weekly screenings for this course on Fridays from 12pm to 2pm.

FALL 2025: To enroll in this class, visit the course web site for instructions BEFORE sending a petition via my.harvard.

FAS Divisional Distribution: Arts and Humanities

AFVS 53AR
Fundamentals of Animation

Course ID: 110676
2026 Spring (4 Credits)

W 1200 PM - 0415 PM

Instructor Permission Required

Ruth Lingford

An introduction to the possibilities of animation for absolute beginners.

Course Note: There are weekly screenings for this course on Fridays from 12pm to 2pm.

FAS Divisional Distribution: Arts and Humanities

AFVS 55P (1)
Embodied Practices: Coding and Interactivity for Artists

Course ID: 224441
2025 Fall (4 Credits)

T 1200 PM - 0415 PM

Instructor Permission Required

Pascale Tétrault

This course serves as a practical introduction to the world of programming and electronic arts, emphasizing the use of open-source software and hardware. Utilizing platforms like Arduino and Processing, students will learn how to craft systems, circuits, and tools allowing them to create experimental videos, films, installations or sculptures. The curriculum merges on-screen and off-screen experimentations, bridging together notions of programming, electronics, and artistry. Using code and electronic components, students will learn how to physically animate sculptures or characters with motors and lights. By the semester's end, students will have acquired the skills to write code snippets and assemble electronic circuits independently.

Course Note: The instructor of this course is Pascale Tétrault.

There will be film screenings on Fridays from 12pm-2pm on selected weeks throughout the semester.

The instructor of this course is Pascale Tétrault. FALL 2025: To enroll in this class, visit the course web site for instructions BEFORE sending a petition via my.harvard.

FAS Divisional Distribution: Arts and Humanities

AFVS 60X
Approaching Narrative: Introduction to Fiction Filmmaking

Course ID: 127469
2025 Fall (4 Credits)

TR 0900 AM - 1145 AM

Instructor Permission Required

In this production course, students will learn the basic principles of narrative filmmaking, experiment with the visual language of cinema, and push the boundaries of their own moving image work. Students will be introduced to the aesthetic and formal elements of cinema and the terminology of film production. Techniques explored include cinematography, sound recording, and editing. In-class screenings and lectures will give an overview of different modes of filmmaking, including narrative, documentary, and experimental. Students will hone their powers of observation, communicate visual ideas with clarity and simplicity, explore personal storytelling, and develop the ability to read films as trained and informed viewers. Classes will consist of weekly critiques of student work. By the end of the course, students will be equipped with the necessary tools to produce two short 5-7 minute films with sync sound.

Course Note: No prior filmmaking experience necessary.

The instructor of this course is Mamadou Dia. FALL 2025: To enroll in this class, visit the course web site for instructions BEFORE sending a petition via my.harvard.

AFVS 61 (1)

Sight and Sound: Introduction to Narrative Filmmaking

TR 0300 PM - 0545 PM

Course ID: 224547
2026 Spring (4 Credits)

Instructor Permission Required

A practice based course in which students are introduced to the fundamentals of visual and aural story-telling. During the semester the class will explore techniques of cinematographic production including camerawork, sound recording and montage. Students will make short films and be encouraged to explore diverse forms of cinema from fiction to non-fiction to other hybrid forms. The course will include creative workshops, film screenings and discussions of student work.

Course Note: The instructor of this course is Tala Hadid.

This is an introductory-level course limited to 10 students. If there are more than 10 applicants, preference will be given to concentrators and intended concentrators in AFVS, for whom there are concentration requirements to fulfill, and then to other undergraduates.

FAS Divisional Distribution: Arts and Humanities

AFVS 63 (1)

Introduction to Time-Based Media

TR 1245 PM - 0245 PM

Karthik Pandian

Course ID: 205410
2025 Fall (4 Credits)

Instructor Permission Required

An introduction to drawing, sculpture, performance, and film through time-based materials and practices. Students will develop their own relationship to the creative process through the transformation of humble materials (cardboard, charcoal, found objects), inspiration from a diverse range of artists, and critical reflection guided both by the instructors and the students themselves.

Course Note: First year students and students who have not taken any AFVS courses are encouraged to apply. All materials will be provided (or found by the students at no cost to themselves).

FALL 2025: To enroll in this class, visit the course web site for instructions BEFORE sending a petition via my.harvard.

FAS Divisional Distribution: Arts and Humanities

AFVS 66 (1)

Building the Real: Non-Fiction Essentials (New Course)

MW 0300 PM - 0545 PM

Course ID: 110029
2026 Spring (4 Credits)

Instructor Permission Required

This introductory production course teaches students the basics of non-fiction filmmaking. We cover camera operation, sound recording, interview strategies, and editing. Classes will be a mixture of workshops and discussion of other students' work, with film screenings and readings that build on these technical concepts. This will be an intensive, hands-on course with weekly filmmaking exercises to help build students' skills.

SPRING 2026: Please visit the course website to learn enrollment process prior to sending a petition in my.harvard. The instructor of this course is Theo Anthony.

AFVS 70 (1)

The Art of Film

MW 1030 AM - 1145 AM

Course ID: 115688
2026 Spring (4 Credits)

Instructor Permission Required

This introductory course surveys the history of film and visual media in the 20th and 21st centuries. We will both explore the rise of major cinematic movements in their striving to define the "art of film" and shed light on the often overlooked parts and marginalized figures in the history of film. Building upon Rudolf Arnheim's concept of visual thinking, this class puts special emphasis on creative practices and visual exercises that introduce students to new forms of visual expression and argumentation. Weekly video blogs, a visual essay, and a collaborative film festival project will further advance and diversify our multi-faceted approach to the history of

film and visual media.

Course Note: This course is required for all students concentrating in or pursuing a secondary field in the film and visual studies track of AFVS.

FAS Divisional Distribution: Arts and Humanities

AFVS 91R

Course ID: 117193

Special Projects

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Matt Saunders

Open to a limited number of students who wish to carry out a special project under supervision. Students wishing to enroll in AFVS 91R must find a member of the faculty to advise the project and submit an application to the Director of Undergraduate Studies.

Course Note: Letter-graded only. Special Project tutorials are led by individual faculty members; however the Director of Undergraduate Studies approves AFVS 91R in the student's Crimson Cart.

FAS Divisional Distribution: Arts and Humanities

AFVS 91R

Course ID: 117193

Special Projects

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Matt Saunders

Open to a limited number of students who wish to carry out a special project under supervision. Students wishing to enroll in AFVS 91R must find a member of the faculty to advise the project and submit an application to the Director of Undergraduate Studies.

Course Note: Letter-graded only. Special Project tutorials are led by individual faculty members; however the Director of Undergraduate Studies approves AFVS 91R in the student's Crimson Cart.

FAS Divisional Distribution: Arts and Humanities

AFVS 97

Course ID: 113968

Tutorial - Sophomore Year

2026 Spring (4 Credits)

R 0600 PM - 0800 PM

Instructor Permission Required

Annette Lemieux

A tutorial course on the foundations and subjects of Art, Film and Visual Studies, encompassing Film, Video and Animation; Studio Art and Photography; Film Studies; Environmental Studies; Design; and Curatorial Studies, including the work of both the Harvard Film Archive and the Carpenter Center for the Visual Arts. Supported by readings, screenings, collaborative workshops, field trips, and project-based assignments, the tutorial is taught by a rotation of the regular and visiting faculty. In this year's course, students will focus on developing both the ethics and aesthetics of their practice, individually and collectively considering the problems and opportunities of presenting work and research publicly in an ever-changing cultural climate.

Course Note: Required of all AFVS concentrators during their first full term in the concentration, ordinarily sophomore spring.

There is a mandatory lab for this course on Tuesdays from 12:45-2:45.

This course is required for all AFVS concentrators.

FAS Divisional Distribution: Arts and Humanities

AFVS 98R

Course ID: 110715

Tutorial - Junior Year

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Laura Frahm

This workshop for junior concentrators in Art, Film, & Visual Studies continues development of approaches and questions central to research and practice from the Sophomore Tutorial. For concentrators in the film/video or studio art curricular areas, Junior Tutorial is optional (offered in the spring term only) and offers exposure to

visiting artists and filmmakers as well as a space to cultivate and workshop approaches to a senior thesis. For AFVS undergraduate concentrators in the film and visual studies curricular area, Junior Tutorial is required and will cover writing skills essential to bringing a written senior thesis to fruition.

Course Note: Letter-graded only. The Director of Undergraduate Studies approves AFVS 98 in the student's Crimson Cart.

FAS Divisional Distribution: Arts and Humanities

AFVS 98R

Course ID: 110715

Tutorial - Junior Year

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Laura Frahm

This workshop for junior concentrators in Art, Film, & Visual Studies continues development of approaches and questions central to research and practice from the Sophomore Tutorial. For concentrators in the film/video or studio art curricular areas, Junior Tutorial is optional (offered in the spring term only) and offers exposure to visiting artists and filmmakers as well as a space to cultivate and workshop approaches to a senior thesis. For AFVS undergraduate concentrators in the film and visual studies curricular area, Junior Tutorial is required and will cover writing skills essential to bringing a written senior thesis to fruition.

Course Note: Letter-graded only. The Director of Undergraduate Studies approves AFVS 98 in the student's Crimson Cart.

FAS Divisional Distribution: Arts and Humanities

AFVS 99A

Course ID: 117196

Tutorial - Senior Year (Thesis/Senior Project)

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Sharon Harper, Ruth Lingford

All students wishing to undertake an AFVS 99 project, either a senior thesis or senior project, must have permission of the project adviser, chosen by the student, before being considered. The Director of Undergraduate Studies and the AFVS Honors Board must approve all AFVS 99 projects and theses in advance. Part one of a two part series.

Course Note: The first term of the AFVS 99: Senior Thesis/Project should always be AFVS 99A. If you are beginning your thesis or project off-cycle, meaning, in the spring term, enroll in AFVS 99A.

A thesis in AFVS is optional for concentrators, but required for Joint Concentrators. Students must be enrolled in AFVS 99 to do a thesis. Students should arrange regular tutorial meetings with their project adviser. Senior theses and projects are led by individual faculty members; however the Director of Undergraduate Studies approves AFVS 99 in each student's Crimson Cart.

FAS Divisional Distribution: Arts and Humanities

Full Year Course: Divisible Course

AFVS 99A

Course ID: 117196

Tutorial - Senior Year (Thesis/Senior Project)

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Sharon Harper, Ruth Lingford

All students wishing to undertake an AFVS 99 project, either a senior thesis or senior project, must have permission of the project adviser, chosen by the student, before being considered. The Director of Undergraduate Studies and the AFVS Honors Board must approve all AFVS 99 projects and theses in advance. Part one of a two part series.

Course Note: The first term of the AFVS 99: Senior Thesis/Project should always be AFVS 99A. If you are beginning your thesis or project off-cycle, meaning, in the spring term, enroll in AFVS 99A.

A thesis in AFVS is optional for concentrators, but required for Joint Concentrators. Students must be enrolled in AFVS 99 to do a thesis. Students should arrange regular tutorial meetings with their project adviser. Senior theses and projects are led by individual faculty members; however the Director of Undergraduate Studies approves AFVS 99 in each student's Crimson Cart.

AFVS 99B

Course ID: 159861
2025 Fall (4 Credits)

Tutorial - Senior Year (Thesis/Senior Project)

No meeting time listed

Instructor Permission Required

Sharon Harper, Ruth Lingford

All students wishing to undertake an AFVS 99 project, either a senior thesis or senior project, must have permission of the project adviser, chosen by the student, before being considered. The Director of Undergraduate Studies and the AFVS Honors Board must approve all AFVS 99 projects and theses in advance. Part two of a two part series.

Course Note: A thesis in AFVS is optional for concentrators, but required for Joint Concentrators. Students must be enrolled in AFVS 99 to do a thesis. Students should arrange regular tutorial meetings with their project adviser. Senior theses and projects are led by individual faculty members; however the Director of Undergraduate Studies approves AFVS 99 in each student's Crimson Cart.

FAS Divisional Distribution: Arts and Humanities

Full Year Course: Divisible Course

AFVS 99B

Course ID: 159861
2026 Spring (4 Credits)

Tutorial - Senior Year (Thesis/Senior Project)

No meeting time listed

Instructor Permission Required

Sharon Harper, Ruth Lingford

All students wishing to undertake an AFVS 99 project, either a senior thesis or senior project, must have permission of the project adviser, chosen by the student, before being considered. The Director of Undergraduate Studies and the AFVS Honors Board must approve all AFVS 99 projects and theses in advance. Part two of a two part series.

Course Note: A thesis in AFVS is optional for concentrators, but required for Joint Concentrators. Students must be enrolled in AFVS 99 to do a thesis. Students should arrange regular tutorial meetings with their project adviser. Senior theses and projects are led by individual faculty members; however the Director of Undergraduate Studies approves AFVS 99 in each student's Crimson Cart.

Full Year Course: Divisible Course

FAS Divisional Distribution: Arts and Humanities

AFVS 112E (1)

Course ID: 222787
2026 Spring (4 Credits)

Drawing 2: Subversive Marks: Drawing, Notation, and Meaning

W 0130 PM - 0545 PM

Instructor Permission Required

Katarina Burin

The close look at, and adoption of, drawing as a functional tool. This typology of drawing is often found in scientific journals and extra-artistic contexts in the form of diagrams, symbols, maps, calendars, graphic models, architectural renderings and technical illustrations of many kinds. These drawings often imply or suggest a lack of poetic and artistic goals, inviting unambiguous readings of specific content. We will explore, manipulate, subvert, or find alternative uses for these often overlooked drawing conventions. A new drawing vocabulary will emerge from our research and practice. Through the use of these new drawing vocabularies we will develop our own systems of visual communication and conceptual experimentation. The result will be the creation of experimental bodies of knowledge and new forms of thought - essentially developing an archive based on individual interests and goals. These archives can be subversive, interrogative, playful or serious. Along with projects and assignments we will delve into a long tradition of artists who have undermined established systems of knowledge, taste, and hierarchy by rethinking and sometimes fictionalizing their archives.

FAS Divisional Distribution: Arts and Humanities

AFVS 114 (1)

Course ID: 219697
2026 Spring (4 Credits)

Hoarding Fever/Archive Fatigue (Studio Course)

Katarina Burin

Why do we decide to keep things? What politics hide in taxonomy? How do citizenship, colonialism, and death relate to our stuff? And what's the deal with Marie Kondo? This studio course will use the discourses around Archive and research based practice as a starting point for developing work in a range of media. We will look at existing archives, develop our own collections as a form of artistic practice, and destabilize the authority of archives by considering informal, queer, pathologized forms of collecting. The course will include discussions and readings; visits to local collections in and outside the museum; and ample studio time to work with raw and found materials, alongside obsessive investigations and meandering digressions.

Course Note: This is an introductory studio course available to all levels of experience open for grad students and undergraduates. Hoarders and non-hoarders are welcome!

FAS Divisional Distribution: Arts and Humanities

AFVS 123R (1)

Course ID: 119644

Post Brush: Studio Course

2026 Spring (4 Credits)

TR 1200 PM - 0245 PM

Instructor Permission Required

Annette Lemieux

Using the silkscreen printing process, students will create 2D and 3D works as well as installations that incorporate images and things found in popular culture. Through image and informal discussions students will be introduced to contemporary artists.

SPRING 2026: To enroll in this class, visit the course web site for instructions BEFORE sending a petition via my.harvard.

At least one AFVS studio course or permission of the instructor.

FAS Divisional Distribution: Arts and Humanities

AFVS 124K (1)

Course ID: 223943

Abstraction

2026 Spring (4 Credits)

MW 1200 PM - 0245 PM

Instructor Permission Required

Kianja Strobot

This course emphasizes the role of composition, color and form outside of representation. How does an artist working outside of nameable objects transfer intent? Far from creating a mess - this course seeks to explore through making, the means, reasons and many definitions of abstraction. Starting with the square - students will move from visual problem solving on two dimensional surfaces into their own projects. While the initial emphasis will focus on abstraction in painting, students are encouraged to branch out into other dimensions as the semester progresses. Rigorous making will be buttressed by discussion, texts, videos and material questioning.

Course Note: This course is open to all levels, however those with previous painting/ AFVS course experience are encouraged.

FAS Divisional Distribution: Arts and Humanities

AFVS 136K (1)

Course ID: 226407

Woven Forms: The Textile Studio

2025 Fall (4 Credits)

W 0130 PM - 0530 PM

Instructor Permission Required

Laura Frahm, Katarina Burin

This hybrid studio/visual studies course explores textiles and textile practices from multiple perspectives. We will examine the histories of textile cultures, study the pioneering work of women weavers and artists in the 20th and 21st centuries, and engage directly with weaving techniques and textile design. Combining seminar discussions with hands-on practice, we will explore textile histories, cultures, and methodologies through readings, guest lectures, archival visits, and weekly weaving workshops. Our research will culminate in an exhibition showcasing collection materials alongside student projects developed through semester-long experimentation.

FALL 2025: To enroll in this class, visit the course web site for instructions BEFORE sending a petition via my.harvard.

FAS Divisional Distribution: Arts and Humanities

AFVS 140S (1)

Surreal Self: Intermediate Photography Course

R 0130 PM - 0545 PM

Keisha Scarville

Course ID: 225847
2025 Fall (4 Credits)

Instructor Permission Required

This course is designed for students to embrace the experimental depths of photography. This class will chart the history of surrealism as a cultural movement from the 1920s to its current iteration as a vehicle for resistance and visual pleasure. Through the language of surrealism, students will explore how to incorporate symbolism and metaphors to make latent narratives complexly visible. A series of prompts and collaborative activities will offer students expansive entry points for approaching portraiture and constructing conceptual visual narratives. We will study a range of artists including Man Ray, Florence Henri, Lee Miller, Katie Horna, Claude Cahun, Dora Maar, to Nydia Blas, Lieko Shiga, and Wangechi Mutu. Class time will be structured around slide lectures, readings, group critiques and discussions, field trips to see relevant exhibitions, and individual meetings with the instructor.

Course Note: A prerequisite for the class is an Introduction to Photography Class or permission of the instructor. FALL 2025: To enroll in this class, visit the course web site for instructions BEFORE sending a petition via my.harvard.

FAS Divisional Distribution: Arts and Humanities

AFVS 143F (1)

Sequencing Photographs

W 0130 PM - 0545 PM

Course ID: 226408
2025 Fall (4 Credits)

Instructor Permission Required

In this course we will explore visual language and the photobook. The meaning of a single photograph is ambiguous until it bumps into something else. Visual language is like verbal language, where context determines the message. Understanding this will help give you more control over the possible meanings of your own photographs, and to help you read and critique pictures out in the world. The first half of the term will involve group & individual exercises with found imagery, where we recycle images in multiple contexts, to the point of exhaustion. We will think in abstract and narrative ways. The goal is to expand your ability to understand what a picture can mean. We will also have field trips to look at photobooks, prints and films. In the second half we will shift our focus into production—to make something with pictures. We will explore an archive and let the pictures guide our process.

The instructor of this course is Jason Fulford. FALL 2025: To enroll in this class, visit the course web site for instructions BEFORE sending a petition via my.harvard.

FAS Divisional Distribution: Arts and Humanities

AFVS 148 (1)

Sleight of Hand Sleight of Mind: Creative Process and Photography

MW 1245 PM - 0245 PM

Sharon Harper

Course ID: 222779
2026 Spring (4 Credits)

Instructor Permission Required

Sleight of Hand Sleight of Mind is an intermediate/advanced studio photography seminar. Your self-directed image-making practice will be balanced by learning to parse creative decisions that are part of image-making. Supported by readings on contemporary photography and creative process, the class is designed to sharpen your understanding of lens-based and image-based creativity. We will analyze unaltered photographs, as well as photographic processes such as cutting, collaging, hammering, painting, soaking, blotting, erasing, lighting, digging, and dismantling. Some of the artists we will study include Paul Mpagi Sepuya, Farah Al Qasimi, Tarrah Krajinak, and Jan McCullough, among others. Class time will be structured around small group discussions, group critiques, field trips to see relevant exhibitions, and individual meetings with the instructor. The development of your work will be supported within regularly scheduled evening lab time with a teaching assistant present. The prerequisite for this class is an introduction to photography class or permission of the instructor.

Course Note: The prerequisite for this class is an introduction to photography class or permission of the instructor.

FAS Divisional Distribution: Arts and Humanities

AFVS 149 (1)

Where the Wild Things Are: Intermediate Photography Course

Course ID: 205211
2025 Fall (4 Credits)

Richard Renaldi

Students will develop a cohesive, long-term photographic project originating from their own experience. They will be challenged to approach difficult themes, interior emotional content, or imbalances they perceive in the world around them. Subjects may include, but are not limited to, significant events, upheaval, or desire. The course will address the uses of allegory and metaphor in image-making, as well as the mechanics of editing, sequencing, and essay-writing in support of a body of work that conveys an original point of view. Additionally, this class is organized around presentations on artists' work and photographic concepts, assignments around portraiture and self-portraiture, individual meetings with the instructor, readings and reading discussions, group critiques, field trips, and visiting artist presentations.

Course Note: Interested students must attend first meeting of class to speak with teaching staff about enrollment procedures.

FALL 2025: To enroll in this class, visit the course web site for instructions BEFORE sending a petition via my.harvard.

Pre-req: Prior introductory photography course, or the permission of the instructor.

FAS Divisional Distribution: Arts and Humanities

AFVS 150A

Course ID: 114116

Film Directing: Approaching Fiction Now

2025 Fall (4 Credits)

TR 0300 PM - 0545 PM

Instructor Permission Required

This course guides students through different issues and challenges in the filmmaking process from the initial development of ideas through to completion. Throughout the semester, students will write and discuss their own short film scripts. At the end of the first semester, these projects will be ready to move through the pre-production process so that they can be shot during the second semester. Emphasis is placed on finding a voice, point of view and approaching the film language. There will be formal explorations and various assignments which impose restrictions. Throughout several personal and group exercises different topics will be explored, such as: directing actors, composition, directorial authorship, as well as the role of camera work in conjunction with narrative structure. In-class screenings and critiques of student assignments will form an important component of the course.

The instructor of this course is Mamadou Dia. FALL 2025: To enroll in this class, visit the course web site for instructions BEFORE sending a petition via my.harvard.

AFVS 50 or two other AFVS courses in video or film production required.

FAS Divisional Distribution: Arts and Humanities

AFVS 150B

Course ID: 113516

Film Direction: From Script to Screen

2026 Spring (4 Credits)

TR 0300 PM - 0545 PM

Instructor Permission Required

This production course is an advanced continuation of 150A. It is compulsory for students to have the first draft of their short screenplays on the first day of class. Content includes scene analysis and script revision, directing professional and non-professional actors, cinematography, blocking and mise-en-scène, sound design, editing and post-production. Students will be given assignments related to their written screenplays throughout the course, culminating in what will be their final project: the production of a narrative short film. Film professionals will occasionally be invited to conduct workshops or hold masterclasses with students.

The instructor of this course is Mamadou Dia.

AFVS 150A or two courses in video production.

FAS Divisional Distribution: Arts and Humanities

AFVS 151BR

Course ID: 113447

Nonfiction Video Projects

2025 Fall (4 Credits)

TR 1200 PM - 0245 PM

Instructor Permission Required

Julie Mallozzi

Working from a proposal approved in advance by the instructor, each student plans, shoots, and edits a documentary video of their own design. Students shoot their films over the summer, or complete shooting for a

longer-term project, and edit it to completion during the fall term. Readings, screenings, workshops, and critique will augment individual work.

Course Note: Course admission requires an interview with the instructor and a clear proposal for a film the student will shoot over the summer. In exceptional cases, students who cannot shoot over the summer will be admitted to the course if they have a specific proposal for a documentary that can be both shot and edited during the term.

FALL 2025: To enroll in this class, visit the course website for instructions BEFORE sending a petition via my.harvard.

At least one AFVS course in live-action film or video.

FAS Divisional Distribution: Arts and Humanities

AFVS 152F

The Bolex: Working in Film

MW 1200 PM - 0245 PM

Joana Pimenta

Course ID: 220435
2026 Spring (4 Credits)

Instructor Permission Required

All work in this course will be shot on 16mm film using Bolex cameras. Some projects will be silent and cut with splicers, others will add a soundtrack and will be edited using a computer. Through a series of non-fiction projects, students will explore the possibilities of the 16mm film image and the freedom of working with silence or in non-synchronous sound. Class time will include technical workshops, film screenings and discussions of student work.

Course Note: Pre-requisite: One course in video or film production.

FAS Divisional Distribution: Arts and Humanities

AFVS 153BR

Intermediate Animation: Intermediate Studio Course

R 1200 PM - 0415 PM

Ruth Lingford

Course ID: 113055
2025 Fall (4 Credits)

Instructor Permission Required

A chance for students with some experience of animation to expand and deepen their skills and to undertake a semester-long project.

Course Note: There are weekly film screenings for this course on Fridays from 12pm to 2pm.

FALL 2025: To enroll in this class, visit the course web site for instructions BEFORE sending a petition via my.harvard.

Preferably an intro- level course in animation, film/video or studio art.

FAS Divisional Distribution: Arts and Humanities

AFVS 153PR (1)

Intermediate Animation

T 1200 PM - 0415 PM

Course ID: 224856
2026 Spring (4 Credits)

Instructor Permission Required

Building on fundamentals engaged at the beginning level, the Intermediate Animation studio course explores animation practice from the inside out, with emphasis on timing and tactility as expressed in movement. The course is comprised of three elements. First, weekly in-class material and spatial explorations. Second, screening and discussion of historically, culturally, and technically significant animated works. And third, the development and creation of a short-form animated project of the student's own design.

Course Note: There will be weekly screenings for this class on Fridays from 12pm to 2pm.

FAS Divisional Distribution: Arts and Humanities

AFVS 156F (1)

Thinking with Images: The Mechanics of the Essay Film (New Film Production Course)

MW 0900 AM - 1145 AM

Course ID: 226787
2026 Spring (4 Credits)

Instructor Permission Required

This intermediate production course equips students with essential skills for building an essay film, bridging the gap between conceptual ideas and actionable production plans. The first half of the semester focuses on development and pre-production, covering research methods, location scouting, subject engagement, writing for the screen, budgeting, and pitch deck creation. For the second half of the semester, students will enact these plans to produce a short or mid-length film. Classes will consist of workshops, critiques of student work, film screenings, and occasional guest filmmaker visits.

Course Note: Students should have at least intermediate-level production skills and have completed at least one short film.

SPRING 2026: Please visit the course website to learn the enrollment process before sending a petition to my.harvard. The instructor of this course is Theo Anthony.

AFVS 158AR (1)

Course ID: 123220

Sensory Ethnography 1

2026 Spring (4 Credits)

T 1200 PM - 0300 PM

Instructor Permission Required

Lucien Castaing-Taylor

An introduction to "sensory ethnography," a media practice that seeks to rejuvenate and innovate in visual anthropology, cinema, and art. Students will learn to record and edit video and audio to produce original media works about embodied experience, culture, ecology, political-economy, and history. This is a year-long course that supports students' independent projects through the summer and the following semester.

Course Note: Students must also be enrolled in AFVS 158BR, Sensory Ethnography 2.

No previous studio experience necessary.

FAS Divisional Distribution: Arts and Humanities

AFVS 158BR (1)

Course ID: 110043

Sensory Ethnography 2

2026 Spring (4 Credits)

T 0600 PM - 0900 PM

Instructor Permission Required

Lucien Castaing-Taylor

An introduction to "sensory ethnography," a media practice that seeks to rejuvenate and innovate in visual anthropology, cinema, and art. Students will learn to record and edit video and audio to produce original media works about embodied experience, culture, ecology, political-economy, and history. This is a year-long course that supports students' independent projects through the summer and the following semester.

Course Note: Students must also be enrolled in AFVS 158AR, Sensory Ethnography 1.

No previous studio experience necessary.

Sensory Ethnography 2 class meeting is from 5pm to 8pm on Tuesdays.

FAS Divisional Distribution: Arts and Humanities

AFVS 161H (1)

Course ID: 224549

The Matrix of the Visible: From Thought to Screen

2026 Spring (4 Credits)

WF 0900 AM - 1145 AM

Instructor Permission Required

An intermediate filmmaking course that explores through theory and practice (studio workshops, in-class film screenings, critical readings and group discussion) the ground of the moving image and its potential for the creation of shared spaces of invention. Through examination of and experimentation with different approaches to camera-work, mis-en-scene, form, montage and sound, students will be encouraged to expand their perception of the moving image medium. Students will be required during the semester to conceive, direct and edit one short film (8-15 minutes long) in any style or genre (fiction/non-fiction, experimental or other) to be presented at the end of the term.

Course Note: The instructor of this course is Tala Hadid.

This course is limited to ten students. Admission will be decided upon course application forms submitted and interviews where possible. Priority will be given to AFVS concentrators and CMP students, however students from all backgrounds, experiences and disciplines are welcome.

FAS Divisional Distribution: Arts and Humanities

AFVS 164L (1)

Lo-fi Sci-fi (intermediate video production)

TR 1200 PM - 0245 PM

Joana Pimenta

Course ID: 222794
2025 Fall (4 Credits)

Instructor Permission Required

In this intermediate video production course, students will work with narrative, conceptual, aesthetic forms, and filmmaking processes derived from science fiction to produce hybrid nonfiction short films. The class will explore the generative possibilities of the real in the production of fiction works, as well as fictional and genre strategies for working in nonfiction filmmaking. We will work hybridly between fiction and nonfiction, exploring the possibilities that scriptwriting for nonfiction, creating sets and objects, and working with non-professional actors, open to our work as filmmakers. The temporal, spatial, and narrative possibilities offered by the genre of science fiction will be mobilized to explore hybrid forms of filmmaking. Assignments will encompass video and sound recording and editing, cinematography and montage, and each student will produce a final film during the semester. Class time will include technical workshops, film screenings, discussions of student work, as well as occasional visiting filmmakers.

Course Note: Pre-requisites: One AFVS film/video course, or equivalent work produced in film/video with permission from the instructor

FALL 2025: To enroll in this class, visit the course web site for instructions BEFORE sending a petition via my.harvard

FAS Divisional Distribution: Arts and Humanities

AFVS 165V (1)

Vertical Cinema

TR 1245 PM - 0245 PM

Karthik Pandian

Course ID: 205411
2026 Spring (4 Credits)

Instructor Permission Required

The ever-increasing flexibility of video presentation technology creates the opportunity to reconsider cinema's most deeply rooted conventions. In this production course, students reflect on the cultural connotations of verticality (from portraiture to social media and the aesthetics of witness), to create their own vertical video projects using a range of available cameras. Through screenings, readings, discussions, workshops, and museum visits focused on creators who have investigated and disrupted aspect ratio, distribution, and the presentation of moving images, we will pursue a phenomenology of format through the creation of 9:16 work.

Course Note: As a 100-level intermediate course, Vertical Cinema will not cover the elementary basics of shooting and editing video.

Prior experience with video production including basic familiarity with shooting on DSLRs or more advanced cameras and editing in Premiere.

FAS Divisional Distribution: Arts and Humanities

AFVS 174E (1)

Surroundings: Media and Environment

R 1200 PM - 0245 PM

Course ID: 226788
2026 Spring (4 Credits)

Instructor Permission Required

This seminar investigates the relationship between media and environment, charting their changing and overlapping senses from the 19th century to today. The course both reconsiders the "environmental" in the work of fundamental media theorists and examines how contemporary filmmakers, artists, and writers provocatively blur art and science, the human and the non-human, the cultural and the natural. Questions focus on how climate, economic, and political realities challenge artists to critically trace and intervene in the often-invisible interconnections of energy, material, infrastructure, finance, and computation. Topics include air-conditioning, ambient media, science fiction, and petroculture. Sessions include archival visits, class excursions, film screenings, and listening exercises.

SPRING 2026: Please visit the course website to learn enrollment procedures before sending a petition to my.harvard. The instructor of this course is Dan D'Amore.

AFVS 175 (1)

Introduction to Visual Culture

T 0945 AM - 1145 AM

Course ID: 224462
2025 Fall (4 Credits)

Instructor Permission Required

What is a medium? And how can the history of the term—the ways in which it has been used and defined, both by artists and theorists—help us answer this question? The first part of the course will present the different ways in which the concept of medium has been historically understood: as a set of techniques and material supports for some form of artistic representation (such as painting, photography, and film); as an extension of the human body and its sensory organs into the surrounding environment; as a series of technical means for the recording, storing, processing, and transmitting of signals and information; as an object or a person capable of acting as an intermediary between the living and the dead; finally, as a sensorial environment or atmosphere. The second part will then discuss some of the recent developments in media theory, tackling questions such as cultural techniques, media archaeology, elemental media, media ecologies and media environments. Each of the lectures will refer to key texts in the field of media theories, and to a series of examples from the fields of art, photography, film, and visual culture.

FALL 2025: To enroll in this class, visit the course web site for instructions BEFORE sending a petition via my.harvard.

FAS Divisional Distribution: Arts and Humanities

AFVS 187 (1)

Indigenous Cinema

W 0945 AM - 1145 AM

Sky Hopinka

Course ID: 224468
2026 Spring (4 Credits)

Instructor Permission Required

This seminar looks at contemporary and historical documentary, narrative, and experimental films made by Indigenous filmmakers and artists. The focus is primarily on North America, but includes works from around the world.

Course Note: Spring 2026: Mandatory weekly film screenings for this class take place on Tuesday evenings from 6pm to 9pm in the Carpenter Center Theater.

FAS Divisional Distribution: Arts and Humanities

AFVS 188P (1)

Global Photography: Decolonizing the Gaze

M 0945 AM - 1145 AM

Course ID: 226522
2025 Fall (4 Credits)

Instructor Permission Required

Photography has since its first public presentation in 1839 been described as an essentially Western technology and a tool of imperialism. Yet, this apparatus was appropriated across the globe almost simultaneously, from Ethiopia to India, from China to Mexico. This course will offer an introduction to photography's global histories and theories from the nineteenth century to the present, centering the gaze, art and epistemologies of those working outside the West, in what Shahidul Alam prefers to call the "majority world." This seminar will move chronologically and thematically, to explore key moments, such as photography's origin stories and its entanglement with colonial empires, and consider key genres, aesthetics, and interventions artists have made to expand, and decolonize, the art of photography.

The instructor of this course is Giulia Paoletti. FALL 2025: To enroll in this class, visit the course web site for instructions BEFORE sending a petition via my.harvard.

FAS Divisional Distribution: Arts and Humanities

AFVS 196R (1)

Directed Research: Studio Course

T 1200 PM - 0300 PM

Kianja Strobert

Course ID: 119636
2025 Fall (4 Credits)

Instructor Permission Required

Direct Research is an opportunity for enrolled students to work on independent projects throughout the semester in a dedicated studio space. The course runs similarly to a seminar with shared readings and weekly critiques.

Course Note: Recommended for concentrators in Art, Film, and Visual Studies in their junior and senior year but also open to others with permission of the instructor. Graduate students are welcome to apply as well.

FALL 2025: To enroll in this class, visit the course web site for instructions BEFORE sending a petition via my.harvard.

At least two previous AFVS courses.

AFVS 209R

Curation, Conservation and Programming

No meeting time listed

Laura Frahm

Course ID: 110088

2025 Fall (4 Credits)

Instructor Permission Required

For research and independent projects in the archives, collections, and exhibitions of the Carpenter Center for the Visual Arts, the Harvard Film Archive, or the Harvard Museums and other campus arts institutions. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor or staff member with whom the project is to be done.

FAS Divisional Distribution: Arts and Humanities

AFVS 209R

Curation, Conservation and Programming

No meeting time listed

Laura Frahm

Course ID: 110088

2026 Spring (4 Credits)

Instructor Permission Required

For research and independent projects in the archives, collections, and exhibitions of the Carpenter Center for the Visual Arts, the Harvard Film Archive, or the Harvard Museums and other campus arts institutions. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor or staff member with whom the project is to be done.

FAS Divisional Distribution: Arts and Humanities

AFVS 215 (1)

Critical Printing

TR 1200 PM - 0245 PM

Matt Saunders, Jennifer L. Roberts

Course ID: 205183

2026 Spring (4 Credits)

Instructor Permission Required

Incorporating both studio and seminar instruction, this intensive course will explore printmaking's history, trace its particular forms of intelligence, and test its future potential. The class will meet for three hours of studio and two hours of seminar/discussion per week. Assignments will include weekly readings, a short scholarly paper, and two studio projects. For the first half of the semester, students will pursue a rigorous grounding in a particular historical technique (etching/intaglio); in the second half students will translate what they have learned to another medium, thus exploring printmaking as an expanded field of practice.

Previous studio art course recommended but not required.

FAS Divisional Distribution: Arts and Humanities

AFVS 222 (1)

AI and Art

M 0300 PM - 0500 PM

Antonio Somaini

Course ID: 224467

2025 Fall (4 Credits)

Instructor Permission Required

This seminar will study the ways in which, beginning with the early 2010s, artists have tackled the various deep learning algorithms and models that are currently profoundly transforming the ways in which images are captured, generated, modified, described, and seen. We will analyze some of these different algorithms and models, studying their architecture, the datasets that are used to train them, and the different operations they may perform. After discussing the ways in which artists have elaborated critical responses to the ethical, epistemological, environmental and political questions raised by technologies of machine vision and face recognition, we will tackle the field of Generative AI, to study how artists have used deep learning algorithms such as the Generative Adversarial Networks (GANs) and the recent text-to-image and text-to-video models. Among the artists whose writings and works will be discussed in the seminar, are Nora Al-Badri, Julian Charrière, Grégory Chatonsky, Kate Crawford & Vladan Joler, Justine Emard, Holly Herndon & Mat Dryhurst, Pierre Huyghe, Egor Kraft, Agnieszka Kurant, Trevor Paglen, Anna Ridler, Hito Steyerl, Taller Estampa, Gwenola Wagon & Pierre Cassou-Noguès.

Course Note: There will be a mandatory two-hour film screening three times during the semester; schedule to be

determined.

FALL 2025: To enroll in this class, visit the course web site for instructions BEFORE sending a petition via my.harvard.

FAS Divisional Distribution: Arts and Humanities

AFVS 241 (1)

New Media Theory

R 0300 PM - 0500 PM

Laura Frahm

Course ID: 110046

2026 Spring (4 Credits)

Instructor Permission Required

This graduate course surveys new developments in media theory and provides an overview of advanced approaches to the study of media. We will look at different schools and streams of thought that productively expand and transform the established corpus of media theory. This year, our survey of recent media theoretical positions will also serve as the conceptual ground for our upcoming FVS graduate conference in May 2026. Weekly response papers, film screenings, and research projects will be vital components of our course and further advance our semester-long survey of new voices and positions in media theory.

Course Note: A background in film and media theory will be helpful to fully engage in the course materials.

FAS Divisional Distribution: Arts and Humanities

AFVS 252 (1)

Sonic Ethnography

No meeting time listed

Course ID: 108976

2026 Spring (4 Credits)

Instructor Permission Required

This is a practice-based course in which students record, edit, and produce anthropologically informed audio works. Students will select a local 'site' where they can safely spend time throughout semester, and where the basic activity of research is stereo audio recording. Given our current spatial dispersion, this semester the focus will be on composing specifically for headphones. Over the course of the semester, listening sessions will provide a broad context of contemporary work using location recordings, and readings will situate the practice in relation to adjacent currents. In their projects, students will experiment with technical and conceptual strategies of recording and composition as they engage with questions of ethnographic representation through the medium of audio.

The instructor of this course is Ernst Karel.

Experience in media production helpful but not required.

FAS Divisional Distribution: Arts and Humanities

AFVS 254 (1)

Audio in Multimodal Practice

No meeting time listed

Course ID: 217647

2026 Spring (4 Credits)

Instructor Permission Required

This course presents an opportunity for students engaged in media anthropology, critical media practice, art, or other audiovisual enterprises to focus primarily on the sonic aspects of their engagements, and to gain experience and expertise in working with audio in conjunction with other media.

FAS Divisional Distribution: Arts and Humanities

AFVS 264 (1)

Advanced Projects in Time-Based Media

R 0345 PM - 0545 PM

Karthik Pandian

Course ID: 222777

2025 Fall (4 Credits)

Instructor Permission Required

A workshop for advanced students pursuing self-directed projects in film, video, performance, or other time-based media. Students are expected to produce one substantial project which can take the form of a single-channel film or video, moving image installation, live event, or other time-based work. One-on-one meetings with the instructor, midterm in-progress and final group critiques, and a small production budget support the

development of student work. Screenings, visits by guest artists, workshops, and field trips will also be organized in relation to student interests, which should be articulated when expressing interest in the course via a brief project proposal.

Course Note: Primarily geared towards graduate students but is also suitable for juniors preparing to pursue a thesis and seniors working on their thesis.

FALL 2025: To enroll in this class, visit the course web site for instructions BEFORE sending a petition via my.harvard.

Pre-req: Technical fluency in the time-based medium of your choice

FAS Divisional Distribution: Arts and Humanities

AFVS 272

Proseminar in Film and Visual Studies

W 0300 PM - 0500 PM

David Joselit

Course ID: 220204

2025 Fall (4 Credits)

Instructor Permission Required

This course prepares students to generate research questions in Visual Studies through close analysis of visual artifacts in Harvard collections and rigorous readings of major 20th and 21st century scholarly sources, largely but not exclusively in photo and film history. It defines Visual Studies in terms of relationships between disciplines dedicated to aesthetic analysis such as art history and film studies with fields engaged with the social meaning of images such as anthropology, critical theory and media studies.

Course Note: This course is required of all incoming graduate students in Film and Visual Studies and all graduate students who wish to declare a secondary field in Film and Visual Studies.

FALL 2025: To enroll in this class, visit the course web site for instructions BEFORE sending a petition via my.harvard.

FAS Divisional Distribution: Arts and Humanities

AFVS 288P (1)

Photography and Textile: A History of Intermediality

W 0945 AM - 1145 AM

Course ID: 226523

2025 Fall (4 Credits)

Instructor Permission Required

This graduate seminar explores photography's—historical, material and theoretical—entanglements with textile. While extensive literature exists on the relation between photography and painting, and photography and sculpture, studies on the intermedial relation between photography and textile remain to a great extent isolated case studies. This course will offer the opportunity to track such intimate connections across history and geographies, spanning from Henry Fox Talbot's lace photographs of the 1830s, to the contemporary, with artists such as Monica de Miranda, who embroiders her photographic landscapes and Billie Zangewa, who infuses her silk tapestries with a "photographic aesthetic." With the objective of exploring how these media, their aesthetics, maneuvering and fibers have overlapped, this course will offer new frames and vocabularies to rethink each and both.

The instructor of this course is Giulia Paoletti. FALL 2025: To enroll in this class, visit the course web site for instructions BEFORE sending a petition via my.harvard.

FAS Divisional Distribution: Arts and Humanities

AFVS 301

Film and Visual Studies Workshop

No meeting time listed

Laura Frahm

Course ID: 122841

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

AFVS 301

Film and Visual Studies Workshop

No meeting time listed

Course ID: 122841

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

AFVS 310	Course ID: 124317
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Laura Frahm</i>	

AFVS 310	Course ID: 124317
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Laura Frahm</i>	

AFVS 320	Course ID: 124316
Directed Study	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Laura Frahm</i>	

AFVS 320	Course ID: 124316
Directed Study	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Laura Frahm</i>	

AFVS 330R	Course ID: 156525
Teaching Workshop	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Laura Frahm</i>	

This course serves as an introduction to teaching in Art, Film, and Visual Studies, as well as a forum for designing instruction. There will be an emphasis on discussions of hybrid methodologies between research and practice.

FAS Divisional Distribution: None

AFVS 330R	Course ID: 156525
Teaching Workshop	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Laura Frahm</i>	

This course serves as an introduction to teaching in Art, Film, and Visual Studies, as well as a forum for designing instruction. There will be an emphasis on discussions of hybrid methodologies between research and practice.

FAS Divisional Distribution: None

AFVS 351HF (1)	Course ID: 127539
Film Study Center Non-Fiction Filmmaking Workshop	2025 Fall (2 Credits)
T 0600 PM - 0830 PM	<i>Instructor Permission Required</i>
<i>Joana Pimenta</i>	

A graduate workshop for Film Study Center non-fiction film and video projects.

Course Note: Admission Limited to Critical Media Practice graduate students and Film Study Center fellows.

FAS Divisional Distribution: None

AFVS 351HF (1)

Film Study Center Non-Fiction Filmmaking Workshop

T 0600 PM - 0800 PM

Joana Pimenta

Course ID: 127539
2026 Spring (2 Credits)

Instructor Permission Required

A graduate workshop for Film Study Center non-fiction film and video projects.

Course Note: Admission Limited to Critical Media Practice graduate students and Film Study Center fellows.

FAS Divisional Distribution: None

AFVS 355R (1)

Advanced Critical Media Practice

W 0500 PM - 0800 PM

Kianja Strobert

Course ID: 156526
2025 Fall (4 Credits)

Instructor Permission Required

Advanced CMP is an opportunity for graduate students to develop a studio practice in a dedicated studio space. The course is centered around critique and shared readings.

FALL 2025: To enroll in this class, visit the course web site for instructions BEFORE sending a petition via my.harvard.

FAS Divisional Distribution: None

AFVS 370 (1)

Topics in Visual Studies

M 0300 PM - 0500 PM

David Joselit

Course ID: 226844
2026 Spring (4 Credits)

Instructor Permission Required

AFVS 390 (1)

Graduate Studio Workshop

No meeting time listed

Laura Frahm

Course ID: 211192
2025 Fall (4 Credits)

Instructor Permission Required

This graduate-level studio class is for advanced students in Film & Visual Studies and Critical Media Practice, who wish to develop their artistic practice in conjunction with their scholarship. Students develop individual and collaborative studio projects that explore the principles and potential of the visual and performing arts. Projects may be in drawing, painting, printmaking, sculpture, photography, video, film, installation, graphic design, or performance.

FAS Divisional Distribution: Arts and Humanities

AFVS 390 (1)

Graduate Studio Workshop

No meeting time listed

Laura Frahm

Course ID: 211192
2026 Spring (4 Credits)

Instructor Permission Required

This graduate-level studio class is for advanced students in Film & Visual Studies and Critical Media Practice, who wish to develop their artistic practice in conjunction with their scholarship. Students develop individual and collaborative studio projects that explore the principles and potential of the visual and performing arts. Projects may be in drawing, painting, printmaking, sculpture, photography, video, film, installation, graphic design, or performance.

FAS Divisional Distribution: Arts and Humanities

Astronomy

Astronomy

ASTRON 1

The Big Questions of Astronomy

TR 1030 AM - 1145 AM

Edo Berger

We will discuss the big questions of astronomy that have engaged scientists and the general public alike for centuries: How did the universe begin? What is the ultimate fate of the Sun? How do planets form? Is there life outside the Solar system? Students will use telescopes to study the night sky and examine how the combination of astronomical observations and physical theory have led to an understanding of the vast and dynamic cosmos we inhabit.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 113797
2026 Spring (4 Credits)

ASTRON 1

The Big Questions of Astronomy

TR 1030 AM - 1145 AM

Edo Berger

We will discuss the big questions of astronomy that have engaged scientists and the general public alike for centuries: How did the universe begin? What is the ultimate fate of the Sun? How do planets form? Is there life outside the Solar system? Students will use telescopes to study the night sky and examine how the combination of astronomical observations and physical theory have led to an understanding of the vast and dynamic cosmos we inhabit.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 113797
2025 Fall (4 Credits)

ASTRON 2

Celestial Navigation

TR 1200 PM - 0115 PM

Philip Sadler

Never be lost again! Find your way on sea, land, or air by employing celestial and terrestrial techniques. Acquire expertise in using navigators' tools (sextant, compass, and charts) while learning the steps to the celestial dance of the sun, moon, stars, and planets. This 108-year-old course continues to rely on practical skills and collaborative problem-solving, while utilizing historical artifacts (instruments, maps, captains' logs) and student-built devices. Culminating in a day-long cruise to practice navigation skills.

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 111305
2025 Fall (4 Credits)

Instructor Permission Required

ASTRON 5

Astrosociology

TR 0900 AM - 1015 AM

Gerhard Sonnert

In an age of magnificent astronomical progress and discoveries, the increasing knowledge of the cosmos has manifold repercussions in society and culture. This course will examine how outer space-related phenomena impact, or potentially impact, society and culture, and vice versa. Especially in light of the proliferating discovery of exoplanets, an intriguing topic of astrosociology is presented by the possibility of the existence of extraterrestrial civilizations, their detection, communication with them, and even contact.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 205519
2026 Spring (4 Credits)

Instructor Permission Required

ASTRON 16

Stellar and Planetary Astronomy

MWF 0130 PM - 0245 PM

John Johnson

This course provides an introduction to the physical principles describing the formation and evolution of stars and their planetary companions. Topics include thermal radiation and stellar spectra; telescopes; energy generation in stars; stellar evolution; orbital dynamics; the Solar system; and exoplanets. This course includes an observational component: students will determine the distance to the Sun, and use the Clay Telescope atop the Science Center to study stellar evolution and detect exoplanets.

Course Note: This course is offered each year.

An introductory course in mechanics, which may be taken concurrently, satisfied by Physics 11a, Physics 15a, Physics 16 or Physical Sciences 12a.

Requires: Prerequisite: Physics 15a, Physics 16, or Physical Sciences 12a. May be taken concurrently.

FAS Divisional Distribution: Science & Engineering & Applied Science

ASTRON 17

Galactic and Extragalactic Astronomy

MWF 0130 PM - 0245 PM

Christopher Stubbs

This course will introduce you to the physical principles describing galaxies and the composition and evolution of the Universe. We will cover a wide range of topics from nearby galaxies to quasars to the Big Bang. The goals of the course are 1) to introduce you to the broad sweep of extragalactic astronomy and cosmology, including major concepts and common jargon, 2) to develop detailed applications of physics, particularly mechanics, to galaxies and cosmology, 3) to gain exploratory experience in observational astronomy.

Course Note: This course is offered each year.

An introductory course in mechanics, which may be taken concurrently, satisfied by Physics 11a, Physics 15a, Physics 16, or Physical Sciences 12a, as well as a course in integral calculus, which may be taken concurrently, satisfied by Math 1b.

FAS Divisional Distribution: Science & Engineering & Applied Science

ASTRON 22

The Unity of Science: From the Big Bang to the Brontosaurus and Beyond

MW 1030 AM - 1145 AM

No meeting time listed

Irwin Shapiro

Science is like a well-woven, ever-expanding fabric, designed to uncover Nature's secrets. This course emphasizes the strong connections between subfields of science, showing it as the never-ending and greatest detective story ever told, with evidence always the arbiter. These characteristics are exhibited in the semi-historical treatment of three main themes: unveiling the universe, the earth and its fossils, and the story of life.

FAS Divisional Distribution: Science & Engineering & Applied Science

ASTRON 91R

Supervised Reading and Research

No meeting time listed

Charles Alcock

Supervised reading and research in a subject of astrophysics that is not normally included in the regular course offerings of the department.

Requires: Prerequisite: Astronomy 16 OR Astronomy 17

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 118136

2026 Spring (4 Credits)

Course ID: 125884

2025 Fall (4 Credits)

Course ID: 212793

2026 Spring (4 Credits)

Course ID: 110822

2025 Fall (4 Credits)

Instructor Permission Required

ASTRON 91R

Supervised Reading and Research

No meeting time listed

Charles Alcock

Supervised reading and research in a subject of astrophysics that is not normally included in the regular course offerings of the department.

Requires: Prerequisite: Astronomy 16 OR Astronomy 17

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 110822

2026 Spring (4 Credits)

Instructor Permission Required

ASTRON 98

Research Tutorial in Astrophysics

W 0600 PM - 0845 PM

Alyssa Goodman

This junior tutorial introduces students to research at the forefront of astrophysics, through individual research projects guided by astronomers at the Center for Astrophysics. Students meet weekly for a discussion of reading materials provided by a guest speaker, and to provide updates on their individual research projects. The course culminates in a written report and an oral presentation (open to all scientists at the CfA). Offered in both Fall and Spring.

Requires: Prerequisite: Astronomy 16 OR Astronomy 17

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 112487

2025 Fall (4 Credits)

ASTRON 98

Research Tutorial in Astrophysics

W 0600 PM - 0845 PM

Douglas Finkbeiner

This junior tutorial introduces students to research at the forefront of astrophysics, through individual research projects guided by astronomers at the Center for Astrophysics. Students meet weekly for a discussion of reading materials provided by a guest speaker, and to provide updates on their individual research projects. The course culminates in a written report and an oral presentation (open to all scientists at the CfA). Offered in both Fall and Spring.

Requires: Prerequisite: Astronomy 16 OR Astronomy 17

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 112487

2026 Spring (4 Credits)

Instructor Permission Required

ASTRON 99A

Senior Thesis in Astrophysics

M 0430 PM - 0545 PM

Lars Hernquist

Individually supervised reading and research leading to the senior thesis. The Harvard-Smithsonian Center for Astrophysics is home to one of the largest groups of astronomers in the world, providing extensive opportunities for undergraduate research. Both Part A and Part B must be taken in the same academic year in order for students to receive credit. Part one of a two part series.

Course Note: This course is offered each year.

Requires: Prerequisite: Astronomy 98

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 116041

2025 Fall (4 Credits)

ASTRON 99B

Senior Thesis in Astrophysics

M 0430 PM - 0545 PM

Lars Hernquist

Course ID: 159800

2026 Spring (4 Credits)

Individually supervised reading and research leading to the senior thesis. The Harvard-Smithsonian Center for Astrophysics is home to one of the largest groups of astronomers in the world, providing extensive opportunities for undergraduate research. Both Part A and Part B must be taken in the same academic year in order for students to receive credit. Part two of a two part series.

Astronomy 98.

Requires: Pre-requisite: ASTRON 99A

FAS Divisional Distribution: Science & Engineering & Applied Science

ASTRON 100

Course ID: 125880

Methods of Observational Astronomy

2026 Spring (4 Credits)

TR 1030 AM - 1145 AM

Liam Connor

In this course we will learn the basic tools of modern astronomical research, including telescopes, detectors, imaging, spectroscopy, and common software. Emphasis will be placed on both the theory behind telescopes and their use, and hands-on experience with real data. Using this basic knowledge we will analyze science-level astronomical data from a wide range of telescopes and review the basic properties of stars, galaxies, and other astronomical objects of interest. The course includes a trip to the F. L. Whipple Observatory on Mount Hopkins, Arizona, to gather data with various telescopes.

Course Note: This course is offered each year.

Astronomy 16 or Astronomy 17.

Requires: Prerequisite: Astronomy 16 OR Astronomy 17

FAS Divisional Distribution: Science & Engineering & Applied Science

ASTRON 120

Course ID: 125882

Stellar Physics

2025 Fall (4 Credits)

MWF 1200 PM - 0115 PM

Charles Alcock

Stars are the basic building blocks of galaxies and are responsible for the nucleosynthesis of most of the elements. Topics include stellar structure; energy transport in stars; stellar atmospheres; astroseismology; nuclear fusion in stars; stellar evolution; nucleosynthesis of the elements; stellar death and supernovae; the degenerate remnants of stars; black holes. This course will make use of thermodynamics, statistical mechanics, and quantum mechanics, but will review these subjects as necessary.

Physics 15c strongly recommended

Requires: Prerequisite: Astronomy 16

FAS Divisional Distribution: Science & Engineering & Applied Science

ASTRON 130

Course ID: 125883

Cosmology

2025 Fall (4 Credits)

MW 0130 PM - 0245 PM

Xingang Chen

The physical model describing the initial conditions, evolution, and ultimate fate of the Universe. Topics include cosmic dynamics; the Robertson-Walker Metric; curvature; estimating cosmological parameters; the accelerating universe; dark matter; gravitational lensing; the cosmic microwave background; nucleosynthesis; inflation and the very early universe; formation of structure.

Prerequisite: College-level Mechanics (e.g. Physics 15a) and Calculus (e.g. Math 1b)

FAS Divisional Distribution: Science & Engineering & Applied Science

ASTRON 140

Course ID: 218228

Introduction to General Relativity

2025 Fall (4 Credits)

MW 0300 PM - 0415 PM

Xingang Chen

Recent exploration of black holes, gravitational waves, and cosmology have revealed the relativistic Universe like never before. This course will introduce students to the theory of general relativity and some of its key applications. Topics include: review of special relativity, physics in curved spacetimes, the Einstein field equations, gravitational lensing, black holes, gravitational waves, and cosmology. Mathematics used in general relativity will be introduced along the way.

Course Note: Course offered annually in the Fall

Multivariable calculus (e.g. Math 21A), linear algebra and differential equations (e.g. Math 21B), college-level Mechanics including special relativity (e.g. Physics 15A), and E&M (e.g. Physics 15B).

FAS Divisional Distribution: Science & Engineering & Applied Science

ASTRON 191

Astrophysics Laboratory

WF 0300 PM - 0415 PM

John Kovac

Laboratory and observational projects in astrophysics. Students design and undertake two projects, under the guidance of Center for Astrophysics scientists and staff, from a selection that includes areas of active research such as: observational studies of the cosmic microwave background radiation, molecules in interstellar clouds, the rotation of the galaxy, galactic molecular sources with the submillimeter array (SMA), and laboratory experiments including submillimeter optics, superconducting detectors, x-ray CCDs, and hard x-ray imaging detectors and telescopes. Students will learn the end-to-end practice of experimental astrophysics, including measurement design and proposal, execution, analysis and appropriate use of statistical techniques, and presentation of results, all done in small teams. They will individually write the results of each project in a format that is appropriate for a peer-reviewed journal.

Course Note: Primarily for concentrators in astrophysics or combined concentrators with physics, in their third or fourth year. A substantial amount of outside reading is expected. Students with physics as their primary concentration, but with a serious interest in astrophysics, may take this to satisfy their laboratory requirement (in lieu of Physics 191) upon petition to the Head Tutor in Physics. Offered each year.

Astronomy 16/17 and Physics 15a/15b/15c, or equivalent courses

Requires: Prerequisite Astronomy 191: Astronomy 16, OR Astronomy 17, OR Physics 15C

FAS Divisional Distribution: Science & Engineering & Applied Science

ASTRON 200

Radiative Processes in Astrophysics

MW 1030 AM - 1145 AM

Abraham Loeb

This course surveys radiation processes and their applications to astrophysical phenomena. Background material in electromagnetic theory, quantum mechanics, relativity and statistical mechanics is briefly reviewed as needed. Thermal and non-thermal radiative processes are discussed, including atomic and molecular transitions, bremsstrahlung, Compton scattering and synchrotron radiation.

Course Note: Open to seniors concentrating in Astrophysics or Physics. This course is offered each year.

Physics 143a.

FAS Divisional Distribution: Science & Engineering & Applied Science

ASTRON 201

Astrophysical Fluids & Plasmas

MW 0900 AM - 1015 AM

Lars Hernquist

Fluid and gas dynamics with applications drawn from astrophysical phenomena. Topics include: kinetic theory, diffusive effects, incompressible fluids, inviscid and viscous flows, boundary layer theory, accretion disks, fluid instabilities, turbulence, convection, gas dynamics, linear (sound) waves, method of characteristics, Riemann invariants, supersonic flow, non-linear waves, shocks, similarity solutions, blast waves, radiative shocks, ionization fronts, magnetohydrodynamics, hydromagnetic shocks, dynamos, gravitational collapse, principles of

Course ID: 113262
2026 Spring (4 Credits)

Course ID: 124966
2025 Fall (4 Credits)

Course ID: 124099
2026 Spring (4 Credits)

plasma physics, Landau damping, computational approaches, stability criteria, particle based (Lagrangian) methods, adaptive mesh refinement, radiation hydrodynamics.

Requires: Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: Science & Engineering & Applied Science

ASTRON 202A

Extragalactic Astronomy and Cosmology I

TR 1030 AM - 1145 AM

Charlie Conroy

Course ID: 118139
2025 Fall (4 Credits)

Instructor Permission Required

This course provides an integrated introduction to extragalactic astrophysics and cosmology. Notable topics include: fundamental cosmology, growth of cosmic structure, gravitational dynamics of halos and galaxies, and astrophysics of galaxy evolution.

FAS Divisional Distribution: Science & Engineering & Applied Science

ASTRON 203

Interstellar Medium and Star Formation

No meeting time listed

Karin Öberg

Course ID: 118138
2026 Spring (4 Credits)

The interstellar medium (ISM) is the reservoir of gas and dust between stars. It is the nursery of new stars and planets, and the depository of energy and material from stellar winds and supernovae. This course will treat the often extreme physics and chemistry of the interstellar medium under its observed range of temperatures, densities, and radiation fields. It will cover the processes that govern the interactions between the ISM, stars and their host galaxies, including star and planet formation, and feedback from stellar deaths. The observational and laboratory methods and results that underpin the theories of interstellar environments will be highlighted.

Requires: Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: Science & Engineering & Applied Science

ASTRON 205

Machine Learning for Astrophysicists

MW 0130 PM - 0245 PM

Ashley Villar

Topic: Machine Learning

A survey course of statistical and data-driven methodologies widely utilized in astrophysics. Topics will include introductory Bayesian statistics, unsupervised methods (dimensionality reduction, density estimation, clustering), supervised methods (classification, prediction, inference), and deep learning techniques (neural networks, generative methods). This course will focus on both the theory behind these methodologies and their application to astronomical datasets. This course is open to undergraduate and graduate students.

Course ID: 224002
2026 Spring (4 Credits)

Requires: Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: Science & Engineering & Applied Science

ASTRON 209

Exoplanet Systems

TR 0130 PM - 0245 PM

John Johnson

Course ID: 108130
2025 Fall (4 Credits)

A survey of the rapidly evolving field of exoplanets with the goal of equipping students with the ability to identify and pursue research questions. Topics include observational methods and instrumentation to detect and characterize exoplanets; properties of stellar hosts; formation and dynamical evolution of planetary systems; composition and physical structure of planets; planetary atmospheres; habitable zones and biosignatures.

Course Note: This course is intended for graduate students and upper division undergraduates concentrating in astrophysics or related fields. Students who do not have a CfA computer account should contact the course head well in advance of the first day of class. Next offered Fall 2021

ASTRON 214**Observational Astronomy**

T 0300 PM - 0545 PM

Daniel Eisenstein

Course ID: 220177

2025 Fall (4 Credits)

Instructor Permission Required

This course will focus on the principles of observational astronomy, with a focus on the physical principles, design considerations, and operational concerns of telescopes and instruments. It is not a course on the analysis of observational data, nor on the design of astronomical observing programs. The course is built from two segments. The first is a one-week class trip to Arizona, typically in June before the Fall term, to visit the MMT and other local telescopes. This trip is highly intensive, with of order 8 hours of class activities per day. We tour the telescopes and have seminar-style classes and problem sessions at the facility. The focus of the material is on how telescopes and instruments work, using back-of-the-envelope calculations to explore the physical aspects of the key constraints. The second segment will occur during the Fall teaching term and features seminars focusing on telescopes and instrumentation for X-ray, radio, and millimeter astronomy. These seminars will require a modest amount of preparatory reading and post-class quantitative exercises. Students will complete term papers and present them to the class in November, before Thanksgiving break. This course can be taken for credit only by graduate students. Astronomy 200 or equivalent is highly recommended. Only students who have participated in the class trip in May-June 2024 or in a previous year are eligible to enroll for credit in Astronomy 214. Students (graduate or undergraduate) wishing to audit the Fall semester module should contact the course lead.

Pre-req: Attendance on the class trip in May 2025 and permission of the instructor

FAS Divisional Distribution: Science & Engineering & Applied Science

ASTRON 215**Relativistic Astrophysics: Black Holes, Neutron Stars, and High-Energy Phenomena**

WF 0900 AM - 1015 AM

Michael Johnson

Course ID: 226430

2025 Fall (4 Credits)

Instructor Permission Required

This course explores the most extreme environments in the universe, where the interplay between gravity, matter, and radiation drive a rich variety of observed astrophysical phenomena including active galactic nuclei, pulsars, gamma-ray bursts, and fast radio bursts. This course will introduce the essential elements of astrophysics in curved spacetime, including the formation of compact objects, gravitational radiation, and emission mechanisms in relativistic plasmas. It will include a survey of observational methods, analytical techniques, and computational approaches in modern relativistic astrophysics.

This course explores the most extreme environments in the universe, where the interplay between gravity, matter, and radiation drive a rich variety of observed astrophysical phenomena including active galactic nuclei, pulsars, gamma-ray bursts, and fast radio bursts. This course will introduce the essential elements of astrophysics in curved spacetime, including the formation of compact objects, gravitational radiation, and emission mechanisms in relativistic plasmas. It will include a survey of observational methods, analytical techniques, and computational approaches in modern relativistic astrophysics. Prerequisites: Undergraduate electromagnetism (e.g., Physics 153), quantum mechanics (Physics 143a). Prior exposure to general relativity (e.g., Astron 140) is useful but not required. Radiative processes (Astron 200) is a recommended co-requisite.

FAS Divisional Distribution: Science & Engineering & Applied Science

ASTRON 300**Topics in Modern Astrophysics***No meeting time listed**Charles Lada*

Course ID: 122728

2025 Fall (4 Credits)

Instructor Permission Required

ASTRON 300 (002)**Topics in Modern Astrophysics***No meeting time listed**Alyssa Goodman*

Course ID: 122728

2025 Fall (4 Credits)

Instructor Permission Required

ASTRON 300 (002) Topics in Modern Astrophysics <i>No meeting time listed</i> <i>Alyssa Goodman</i>	Course ID: 122728 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ASTRON 300 (0020) Topics in Modern Astrophysics <i>No meeting time listed</i> <i>Michael Johnson</i>	Course ID: 122728 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ASTRON 300 (003) Topics in Modern Astrophysics <i>No meeting time listed</i> <i>Abraham Loeb</i>	Course ID: 122728 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
ASTRON 300 (003) Topics in Modern Astrophysics <i>No meeting time listed</i> <i>Abraham Loeb</i>	Course ID: 122728 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ASTRON 300 (004) Topics in Modern Astrophysics <i>No meeting time listed</i> <i>Charlie Conroy</i>	Course ID: 122728 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
ASTRON 300 (004) Topics in Modern Astrophysics <i>No meeting time listed</i> <i>Charlie Conroy</i>	Course ID: 122728 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ASTRON 300 (005) Topics in Modern Astrophysics <i>No meeting time listed</i> <i>David Charbonneau</i>	Course ID: 122728 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
ASTRON 300 (005) Topics in Modern Astrophysics <i>No meeting time listed</i> <i>David Charbonneau</i>	Course ID: 122728 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ASTRON 300 (006) Topics in Modern Astrophysics <i>No meeting time listed</i> <i>Daniel Eisenstein</i>	Course ID: 122728 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
ASTRON 300 (006) Topics in Modern Astrophysics <i>No meeting time listed</i> <i>Daniel Eisenstein</i>	Course ID: 122728 2026 Spring (4 Credits) <i>Instructor Permission Required</i>

<p>ASTRON 300 (007)</p> <p>Topics in Modern Astrophysics</p> <p><i>No meeting time listed</i></p> <p><i>Douglas Finkbeiner</i></p>	<p>Course ID: 122728</p> <p>2025 Fall (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>ASTRON 300 (007)</p> <p>Topics in Modern Astrophysics</p> <p><i>No meeting time listed</i></p> <p><i>Douglas Finkbeiner</i></p>	<p>Course ID: 122728</p> <p>2026 Spring (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>ASTRON 300 (008)</p> <p>Topics in Modern Astrophysics</p> <p><i>No meeting time listed</i></p> <p><i>Dimitar Sasselov</i></p>	<p>Course ID: 122728</p> <p>2025 Fall (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>ASTRON 300 (008)</p> <p>Topics in Modern Astrophysics</p> <p><i>No meeting time listed</i></p> <p><i>Dimitar Sasselov</i></p>	<p>Course ID: 122728</p> <p>2026 Spring (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>ASTRON 300 (009)</p> <p>Topics in Modern Astrophysics</p> <p><i>No meeting time listed</i></p> <p><i>Matthew Holman</i></p>	<p>Course ID: 122728</p> <p>2025 Fall (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>ASTRON 300 (009)</p> <p>Topics in Modern Astrophysics</p> <p><i>No meeting time listed</i></p> <p><i>Matthew Holman</i></p>	<p>Course ID: 122728</p> <p>2026 Spring (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>ASTRON 300 (010)</p> <p>Topics in Modern Astrophysics</p> <p><i>No meeting time listed</i></p> <p><i>Edo Berger</i></p>	<p>Course ID: 122728</p> <p>2025 Fall (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>ASTRON 300 (010)</p> <p>Topics in Modern Astrophysics</p> <p><i>No meeting time listed</i></p> <p><i>Edo Berger</i></p>	<p>Course ID: 122728</p> <p>2026 Spring (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>ASTRON 300 (011)</p> <p>Topics in Modern Astrophysics</p> <p><i>No meeting time listed</i></p> <p><i>John Johnson</i></p>	<p>Course ID: 122728</p> <p>2025 Fall (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>ASTRON 300 (011)</p> <p>Topics in Modern Astrophysics</p>	<p>Course ID: 122728</p> <p>2026 Spring (4 Credits)</p>

No meeting time listed
John Johnson

Instructor Permission Required

ASTRON 300 (012)
Topics in Modern Astrophysics
No meeting time listed
John Kovac

Course ID: 122728
2025 Fall (4 Credits)
Instructor Permission Required

ASTRON 300 (012)
Topics in Modern Astrophysics
No meeting time listed
John Kovac

Course ID: 122728
2026 Spring (4 Credits)
Instructor Permission Required

ASTRON 300 (013)
Topics in Modern Astrophysics
No meeting time listed
Karin Öberg

Course ID: 122728
2025 Fall (4 Credits)
Instructor Permission Required

ASTRON 300 (013)
Topics in Modern Astrophysics
No meeting time listed
Karin Öberg

Course ID: 122728
2026 Spring (4 Credits)
Instructor Permission Required

ASTRON 300 (014)
Topics in Modern Astrophysics
No meeting time listed
Lars Hernquist

Course ID: 122728
2025 Fall (4 Credits)
Instructor Permission Required

ASTRON 300 (014)
Topics in Modern Astrophysics
No meeting time listed
Lars Hernquist

Course ID: 122728
2026 Spring (4 Credits)
Instructor Permission Required

ASTRON 300 (015)
Topics in Modern Astrophysics
No meeting time listed
Ramesh Narayan

Course ID: 122728
2025 Fall (4 Credits)
Instructor Permission Required

ASTRON 300 (015)
Topics in Modern Astrophysics
No meeting time listed
Ramesh Narayan

Course ID: 122728
2026 Spring (4 Credits)
Instructor Permission Required

ASTRON 300 (016)
Topics in Modern Astrophysics
No meeting time listed
Sean Andrews

Course ID: 122728
2025 Fall (4 Credits)
Instructor Permission Required

ASTRON 300 (016)
Topics in Modern Astrophysics
No meeting time listed
Sean Andrews

Course ID: 122728
2026 Spring (4 Credits)
Instructor Permission Required

ASTRON 300 (017)
Topics in Modern Astrophysics
No meeting time listed
Michael Johnson

Course ID: 122728
2025 Fall (4 Credits)
Instructor Permission Required

ASTRON 300 (017)
Topics in Modern Astrophysics
No meeting time listed
Maria Lopez-Morales

Course ID: 122728
2026 Spring (4 Credits)
Instructor Permission Required

ASTRON 300 (018)
Topics in Modern Astrophysics
No meeting time listed
Josh Grindlay

Course ID: 122728
2025 Fall (4 Credits)
Instructor Permission Required

ASTRON 300 (018)
Topics in Modern Astrophysics
No meeting time listed
Josh Grindlay

Course ID: 122728
2026 Spring (4 Credits)
Instructor Permission Required

ASTRON 300 (019)
Topics in Modern Astrophysics
No meeting time listed
Nicholas Murphy

Course ID: 122728
2025 Fall (4 Credits)
Instructor Permission Required

ASTRON 300 (019)
Topics in Modern Astrophysics
No meeting time listed
David Latham

Course ID: 122728
2026 Spring (4 Credits)
Instructor Permission Required

ASTRON 300 (020)
Topics in Modern Astrophysics
No meeting time listed
David Latham

Course ID: 122728
2025 Fall (4 Credits)
Instructor Permission Required

ASTRON 300 (021)
Topics in Modern Astrophysics
No meeting time listed
Maria Lopez-Morales

Course ID: 122728
2025 Fall (4 Credits)
Instructor Permission Required

ASTRON 300 (021)
Topics in Modern Astrophysics
No meeting time listed
Charles Lada

Course ID: 122728
2026 Spring (4 Credits)
Instructor Permission Required

<p>ASTRON 300 (022)</p> <p>Topics in Modern Astrophysics</p> <p><i>No meeting time listed</i></p> <p><i>John Raymond</i></p>	<p>Course ID: 122728</p> <p>2025 Fall (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>ASTRON 300 (022)</p> <p>Topics in Modern Astrophysics</p> <p><i>No meeting time listed</i></p> <p><i>John Raymond</i></p>	<p>Course ID: 122728</p> <p>2026 Spring (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>ASTRON 300 (023)</p> <p>Topics in Modern Astrophysics</p> <p><i>No meeting time listed</i></p> <p><i>Liam Connor</i></p>	<p>Course ID: 122728</p> <p>2025 Fall (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>ASTRON 300 (024)</p> <p>Topics in Modern Astrophysics</p> <p><i>No meeting time listed</i></p> <p><i>Grant Tremblay</i></p>	<p>Course ID: 122728</p> <p>2025 Fall (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>ASTRON 300 (024)</p> <p>Topics in Modern Astrophysics</p> <p><i>No meeting time listed</i></p> <p><i>Selma de Mink</i></p>	<p>Course ID: 122728</p> <p>2026 Spring (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>ASTRON 300 (025)</p> <p>Topics in Modern Astrophysics</p> <p><i>No meeting time listed</i></p> <p><i>Lisa Kewley</i></p>	<p>Course ID: 122728</p> <p>2025 Fall (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>ASTRON 300 (025)</p> <p>Topics in Modern Astrophysics</p> <p><i>No meeting time listed</i></p> <p><i>Grant Tremblay</i></p>	<p>Course ID: 122728</p> <p>2026 Spring (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>ASTRON 300 (026)</p> <p>Topics in Modern Astrophysics</p> <p><i>No meeting time listed</i></p> <p><i>Christopher Moore</i></p>	<p>Course ID: 122728</p> <p>2025 Fall (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>ASTRON 300 (026)</p> <p>Topics in Modern Astrophysics</p> <p><i>No meeting time listed</i></p> <p><i>Christopher Moore</i></p>	<p>Course ID: 122728</p> <p>2026 Spring (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>ASTRON 300 (027)</p> <p>Topics in Modern Astrophysics</p>	<p>Course ID: 122728</p> <p>2025 Fall (4 Credits)</p>

No meeting time listed
Ashley Villar

Instructor Permission Required

ASTRON 300 (028)
Topics in Modern Astrophysics

No meeting time listed
Xingang Chen

Course ID: 122728
2025 Fall (4 Credits)

Instructor Permission Required

ASTRON 300 (028)
Topics in Modern Astrophysics

No meeting time listed

Course ID: 122728
2026 Spring (4 Credits)

Instructor Permission Required

ASTRON 300 (029)
Topics in Modern Astrophysics

No meeting time listed
Jenna Samra

Course ID: 122728
2025 Fall (4 Credits)

Instructor Permission Required

ASTRON 300 (030)
Topics in Modern Astrophysics

No meeting time listed
Catherine Zucker

Course ID: 122728
2025 Fall (4 Credits)

Instructor Permission Required

ASTRON 300 (27)
Topics in Modern Astrophysics

No meeting time listed
Ashley Villar

Course ID: 122728
2026 Spring (4 Credits)

Instructor Permission Required

ASTRON 301
Recorded time for Teaching Fellows

No meeting time listed

Course ID: 208322
2025 Fall (4 Credits)

Instructor Permission Required

ASTRON 305
Topics in Origins of Life Research

TR 0300 PM - 0415 PM
Dimitar Sasselov

Course ID: 161303
2026 Spring (4 Credits)

Instructor Permission Required

This semester we will lay out a plausible story of how life emerged on Earth from chemistry that led to the synthesis of molecular building blocks, which in turn self-assembled to form cells. I will do that by reviewing two recent papers – the required reading for this course [1,2]. Each week we will also use, as necessary, relevant papers to the topics to be discussed. The list of topics is enclosed in the syllabus, as are some of the papers.

FAS Divisional Distribution: None

ASTRON 311
Astrophysics Writing Intensive

No meeting time listed
Lisa Kewley

Course ID: 224326
2025 Fall (4 Credits)

Instructor Permission Required

This writing intensive will provide astronomy students with the skills, tools, and techniques to prepare clear and concise scientific publications. This course is for graduate students who will have completed observational or

theoretical data analysis and figure preparation, and who will be ready for publication writing at the time of the intensive week. Students will be required to work on a paper outline with their project supervisor prior to the intensive week. Class participants will meet in early July for a preparatory session to ensure readiness for the intensive week. The intensive week consists of 40 contact hours. The intensive week includes lectures, goal setting sessions, writing focus sessions, peer review sessions, and writing problem-solving sessions. Most students are able to write a half to a full publication draft during the writing intensive week (depending on the length of the publication). The publication will then be completed during the semester, with regular check-ins to be scheduled. By the end of the Fall, students will have completed a draft publication. Participants will meet in November for a wrap-up session.

Writing intensive week to be held Aug 25-29, 2025, at the Harvard Observatory (60 Garden Street). Science papers to be reviewed over the course of fall 2025 term.

FAS Divisional Distribution: Science & Engineering & Applied Science

Biological Sciences in Dental Medicine

Bio Sciences in Dental Med

BSDM 300	Course ID: 117895
Research with Faculty	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Yingzi Yang</i>	

BSDM 300	Course ID: 117895
Research with Faculty	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Yingzi Yang</i>	

Biological Sciences in Public Health

Biological Sci in Public Hlth

BPH 201R	Course ID: 126402
Laboratory Rotations	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Flaminia Catteruccia</i>	

Members of the Division of Biological Sciences offer hands-on experimental methods of research in biological sciences. Students write a paper and give an oral presentation regarding their 10-week laboratory project.

FAS Divisional Distribution: Science & Engineering & Applied Science

BPH 201R	Course ID: 126402
Laboratory Rotations	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Flaminia Catteruccia</i>	

Members of the Division of Biological Sciences offer hands-on experimental methods of research in biological sciences. Students write a paper and give an oral presentation regarding their 10-week laboratory project.

FAS Divisional Distribution: Science & Engineering & Applied Science

BPH 208	Course ID: 113276
Human Physiology	2025 Fall (4 Credits)

Nancy Long Sieber

As an introduction to the principles governing function in the human body, this course is designed to provide a framework in physiology for future public health researchers and professionals who have not taken college level physiology courses. Emphasis is placed on the concept of homeostasis and on integrative aspects of physiology. Examples of pathophysiology and environmental physiology will highlight these processes. Course Activities: Problem sets, exams, laboratory Course note: students should have taken college level introductory biology before taking this class

Course Note: Offered jointly with the School of Public Health as EH 205

THIS CLASS HAS PRIORITY ENROLLMENT Priority Wave Groups Wave 1 | EH Plans and Subplans Wave 2 | PHD BPH, PHS SBS, PHS EPI & Wave 1 Wave 3 | Open

Enrollment ----- Priority Wave Timing Wave 1 | 8/14/2025 11:00 AM - 8/24/2025 11:59 PM Wave 2 | 8/25/2025 12:00 AM - 8/27/2025 11:59 PM Wave 3 | 8/28/2025 12:00 AM

Enrollment Deadline (varies by session) Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts) **Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

FAS Divisional Distribution: Science & Engineering & Applied Science

BPH 210

Course ID: 112431

Pathophysiology of Human Disease

2026 Spring (4 Credits)

MW 0200 PM - 0330 PM

Instructor Permission Required

Nancy Long Sieber, Kristopher Sarosiek

This course explores the pathogenesis of disease by examining mechanisms operating at the molecular, cellular, system and whole-body levels. We will discuss diseases of the major body systems, as well as hematological disorders, cancer, the normal and abnormal function of the immune system, as well as aging and death. Throughout the course we will look for common underlying pathogenic pathways and integrate relevant public health perspectives on the epidemiology or control of diseases.

Prior coursework in normal physiology is recommended but not mandatory

FAS Divisional Distribution: Science & Engineering & Applied Science

BPH 215

Course ID: 115767

Principles of Toxicology

2025 Fall (4 Credits)

MW 0945 AM - 1115 AM

Instructor Permission Required

Jin-Ah Park

The course is designed to expose students to the principles and methods that should be used to determine whether a causal relationship exists between specific doses of an agent and an alleged adverse effect, observed primarily in humans. Integration of principles and methods of toxicology is extremely important since the primary purpose of toxicology is to predict human toxicity. Toxicological data obtained in animal studies must be placed in proper relationship to the exposure observed in the human population. The course deals with organ systems and whole organisms but relies on an understanding of the mechanistic approaches covered in EH508. Key target organs, selected classes of toxic agents and the application of toxicological principles are covered. Students are assigned a topic for a short presentation.

Course Note: Offered jointly with the School of Public Health as EH 504.

Organic chemistry and mammalian physiology or equivalent.

FAS Divisional Distribution: Science & Engineering & Applied Science

BPH 219

Course ID: 110521

Biological Sciences Communications

2025 Fall (4 Credits)

MW 0230 PM - 0400 PM

Instructor Permission Required

Zachary Nagel

Emphasis of this course is effective scientific communication. Students will develop skills in writing and critiquing grants and scientific papers, learn about the grant application process, and present seminars that focus on structure, language, and content appropriate for technical and lay audiences. Topics covered will apply to

research in the biological sciences across various disciplines related to public health and medicine.

Course Note: Course intended for first year BPH PhD students only.

FAS Divisional Distribution: None

BPH 301QC	Course ID: 127598
Molecular Basis for Nutritional & Metabolic Diseases	2026 Spring (2 Credits)
T 0200 PM - 0330 PM	<i>Instructor Permission Required</i>
<i>Sheng Hui</i>	

BPH 302QC	Course ID: 127599
Interdisciplinary Training in Pulmonary Sciences Part II	2026 Spring (4 Credits)
T 0945 AM - 1044 AM	<i>Instructor Permission Required</i>
<i>Quan Lu</i>	

BPH 304QC	Course ID: 127601
Eradicating Malaria and Neglected Tropical Diseases	2025 Fall (2 Credits)
TR 0345 PM - 0515 PM	<i>Instructor Permission Required</i>
<i>Jeffrey Dvorin, Manoj Duraisingh, Dyann Wirth</i>	

BPH 312	Course ID: 131478
Non-coding RNAs in Diabetes and Regulation of Metabolism	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>C. Kahn</i>	

FAS Divisional Distribution: None

BPH 312	Course ID: 131478
Non-coding RNAs in Diabetes and Regulation of Metabolism	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>C. Kahn</i>	

FAS Divisional Distribution: None

BPH 314	Course ID: 212709
BPH Student Internships	2025 Fall (2 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>

BPH 314	Course ID: 212709
BPH Student Internships	2026 Spring (2 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>

BPH 315	Course ID: 131484
Molecular Genetic Analysis of Gene Expression and Drug Resistance in Parasitic Protozoan, Including	2026 Spring (4 Credits)

No meeting time listed
Dyann Wirth

FAS Divisional Distribution: None

BPH 315
Molecular Genetic Analysis of Gene Expression and Drug Resistance in Parasitic Protozoan, Including

Course ID: 131484
2025 Fall (4 Credits)

No meeting time listed
Dyann Wirth

FAS Divisional Distribution: None

BPH 318QC
Topics in Immunology and Infectious Diseases

Course ID: 214347
2025 Fall (2 Credits)

MW 1130 AM - 0100 PM
Smita Gopinath, Yonatan Grad

BPH 319
Signaling Mechanisms of Peptide Hormones, Genetic and Molecular Basis of Obesity and Diabetes

Course ID: 123667
2025 Fall (4 Credits)

No meeting time listed
Gökhan Hotamışlıgil

FAS Divisional Distribution: None

BPH 319
Signaling Mechanisms of Peptide Hormones, Genetic and Molecular Basis of Obesity and Diabetes

Course ID: 123667
2026 Spring (4 Credits)

No meeting time listed
Gökhan Hotamışlıgil

FAS Divisional Distribution: None

BPH 320
Pathogen exposures within the built environment

Course ID: 226546
2025 Fall (4 Credits)

No meeting time listed
Hannah Healy

FAS Divisional Distribution: None

BPH 320
Pathogen exposures within the built environment

Course ID: 226546
2026 Spring (4 Credits)

No meeting time listed
Hannah Healy

BPH 320QC
Advanced Topics in Molecular Metabolism
TF 0200 PM - 0330 PM
Nora Kory

Course ID: 222693
2026 Spring (2 Credits)
Instructor Permission Required

BPH 322
Study of Epidemiologic and Biological Characteristics of HIV Viruses in Africa
No meeting time listed
Phyllis Kanki

Course ID: 140160
2025 Fall (4 Credits)

FAS Divisional Distribution: None

BPH 322
Study of Epidemiologic and Biological Characteristics of HIV Viruses in Africa
No meeting time listed
Phyllis Kanki

Course ID: 140160
2026 Spring (4 Credits)

FAS Divisional Distribution: None

BPH 322QC
Innovative Techniques and Experimental Design for Biologists
TR 0330 PM - 0500 PM

Course ID: 224739
2026 Spring (2 Credits)
Instructor Permission Required

BPH 324
Insulin Regulation of Metabolism at the Molecular, Cellular and Physiological Levels
No meeting time listed
Sudha Biddinger

Course ID: 218247
2025 Fall (4 Credits)

FAS Divisional Distribution: None

BPH 324
Insulin Regulation of Metabolism at the Molecular, Cellular and Physiological Levels
No meeting time listed
Sudha Biddinger

Course ID: 218247
2026 Spring (4 Credits)

FAS Divisional Distribution: None

BPH 325

Assessment of the Impact of Workplace Pollutants on Health

No meeting time listed

David Christiani

Course ID: 121446

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BPH 325

Assessment of the Impact of Workplace Pollutants on Health

No meeting time listed

David Christiani

Course ID: 121446

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BPH 326

Molecular Mechanisms of Metabolic Stress Responses

No meeting time listed

Jean Schaffer

Course ID: 218249

2025 Fall (4 Credits)

FAS Divisional Distribution: None

BPH 326

Molecular Mechanisms of Metabolic Stress Responses

No meeting time listed

Jean Schaffer

Course ID: 218249

2026 Spring (4 Credits)

FAS Divisional Distribution: None

BPH 327

Scientific Course Related Work

Course ID: 208165

2025 Fall (2 Credits)

BPH 327 (1)

Scientific Course Related Work

Course ID: 208165

2026 Spring (2 Credits)

BPH 328

Scientific Research Related Work

Course ID: 208167

2025 Fall (2 Credits)

BPH 328 (1)

Scientific Research Related Work

Course ID: 208167

2026 Spring (2 Credits)

BPH 329
Scientific Teaching Fellow Related Work

Course ID: 208168
2025 Fall (2 Credits)

This can be used to indicate that a student has received a teaching appointment and is engaged in teaching a course.

Course Note: For GSAS PhD students only.

FAS Divisional Distribution: None

BPH 329
Scientific Teaching Fellow Related Work

Course ID: 208168
2026 Spring (2 Credits)

This can be used to indicate that a student has received a teaching appointment and is engaged in teaching a course.

Course Note: For GSAS PhD students only.

FAS Divisional Distribution: None

BPH 330
Study of the interactions of Environmental Exposure on Immune Homeostasis

Course ID: 224222
2025 Fall (4 Credits)

No meeting time listed

Kari Nadeau

FAS Divisional Distribution: None

BPH 332
Metabolic Signaling in Health and Disease

Course ID: 219975
2026 Spring (4 Credits)

No meeting time listed

Nika Danial

FAS Divisional Distribution: None

BPH 334
Molecular Basis of Host Cell Invasion, Signaling, Differentiation by the Human Pathogen, T. cruzi

Course ID: 112702
2026 Spring (4 Credits)

No meeting time listed

Barbara Burleigh

FAS Divisional Distribution: None

BPH 334
Molecular Basis of Host Cell Invasion, Signaling, Differentiation by the Human Pathogen, T. cruzi
No meeting time listed
Barbara Burleigh

Course ID: 112702
2025 Fall (4 Credits)

FAS Divisional Distribution: None

BPH 338
Investigation of Chemical Exposome and its Impact on Human Health Through Multi-Omics Integration
No meeting time listed
Peng Gao

Course ID: 226544
2026 Spring (4 Credits)

BPH 338
Investigation of Chemical Exposome and its Impact on Human Health Through Multi-Omics Integration
No meeting time listed
Peng Gao

Course ID: 226544
2025 Fall (4 Credits)

FAS Divisional Distribution: None

BPH 339
Mechanical Basis of Airway and Lung Parenchymal Function
No meeting time listed
Jeffrey Fredberg

Course ID: 112707
2026 Spring (4 Credits)

FAS Divisional Distribution: None

BPH 339
Mechanical Basis of Airway and Lung Parenchymal Function
No meeting time listed
Jeffrey Fredberg

Course ID: 112707
2025 Fall (4 Credits)

FAS Divisional Distribution: None

BPH 343
Investigating immune protection against human cholera and salmonella infections.
No meeting time listed
Richelle Charles

Course ID: 224223
2025 Fall (4 Credits)

FAS Divisional Distribution: None

BPH 349
**Approaches for evaluating environment- immune interactions in
respiratory health and disease**
No meeting time listed
Mary Rice

Course ID: 226545
2026 Spring (4 Credits)

BPH 349
**Approaches for evaluating environment- immune interactions in
respiratory health and disease**
No meeting time listed
Mary Rice

Course ID: 226545
2025 Fall (4 Credits)

FAS Divisional Distribution: None

BPH 356
Molecular basis of metabolism in metastasizing cancer cells
No meeting time listed
Jessalyn Ubellacker

Course ID: 221977
2025 Fall (4 Credits)

FAS Divisional Distribution: None

BPH 356
Molecular basis of metabolism in metastasizing cancer cells
No meeting time listed
Jessalyn Ubellacker

Course ID: 221977
2026 Spring (4 Credits)

FAS Divisional Distribution: None

BPH 357
Physiological and Pharmacological Aspects of Bronchoconstriction
No meeting time listed
Stephanie Shore

Course ID: 112726
2026 Spring (4 Credits)

FAS Divisional Distribution: None

BPH 357
Physiological and Pharmacological Aspects of Bronchoconstriction
No meeting time listed
Stephanie Shore

Course ID: 112726
2025 Fall (4 Credits)

FAS Divisional Distribution: None

BPH 358
Human Immunodeficiency Virus Envelope Glycoproteins and Vaccine Development

Course ID: 112727
2026 Spring (4 Credits)

No meeting time listed
Joseph G. Sodroski

FAS Divisional Distribution: None

BPH 358
Human Immunodeficiency Virus Envelope Glycoproteins and Vaccine Development

Course ID: 112727
2025 Fall (4 Credits)

No meeting time listed
Joseph G. Sodroski

FAS Divisional Distribution: None

BPH 359
Systems analysis of Mtb-host interactions

Course ID: 224738
2026 Spring (4 Credits)

No meeting time listed
Bryan Bryson

FAS Divisional Distribution: None

BPH 359 (1)
Systems analysis of Mtb-host interactions

Course ID: 224738
2025 Fall (4 Credits)

No meeting time listed
Bryan Bryson

FAS Divisional Distribution: None

BPH 365
Virulence Factors of Mycobacteria

Course ID: 116290
2025 Fall (4 Credits)

No meeting time listed
Eric J. Rubin

FAS Divisional Distribution: None

BPH 365
Virulence Factors of Mycobacteria

Course ID: 116290
2026 Spring (4 Credits)

No meeting time listed
Eric J. Rubin

FAS Divisional Distribution: None

BPH 366
Approaches to Population Biology and the Epidemiology of Infectious Diseases

Course ID: 116291
2025 Fall (4 Credits)

No meeting time listed
Marc Lipsitch

FAS Divisional Distribution: None

BPH 366
Approaches to Population Biology and the Epidemiology of Infectious Diseases

Course ID: 116291
2026 Spring (4 Credits)

No meeting time listed
Marc Lipsitch

FAS Divisional Distribution: None

BPH 372
Molecular Mechanisms Underlying the Pathogenesis of Human Malaria

Course ID: 120257
2025 Fall (4 Credits)

No meeting time listed
Manoj Duraisingh

FAS Divisional Distribution: None

BPH 372
Molecular Mechanisms Underlying the Pathogenesis of Human Malaria

Course ID: 120257
2026 Spring (4 Credits)

No meeting time listed
Manoj Duraisingh

FAS Divisional Distribution: None

BPH 374
Nuclear Lipid Receptors as Therapeutic Targets of Metabolic Diseases

Course ID: 121278
2025 Fall (4 Credits)

No meeting time listed
Chih-Hao Lee

FAS Divisional Distribution: None

BPH 374
Nuclear Lipid Receptors as Therapeutic Targets of Metabolic Diseases

Course ID: 121278
2026 Spring (4 Credits)

No meeting time listed
Chih-Hao Lee

FAS Divisional Distribution: None

BPH 375

Signaling Pathways Underlying Tumorigenesis and Metabolic Diseases

No meeting time listed

Brendan Manning

Course ID: 121279
2025 Fall (4 Credits)

FAS Divisional Distribution: None

BPH 375

Signaling Pathways Underlying Tumorigenesis and Metabolic Diseases

No meeting time listed

Brendan Manning

Course ID: 121279
2026 Spring (4 Credits)

FAS Divisional Distribution: None

BPH 376

Secretion and Pathogenesis in *M. tuberculosis*

No meeting time listed

Sarah Fortune

Course ID: 123059
2025 Fall (4 Credits)

FAS Divisional Distribution: None

BPH 376

Secretion and Pathogenesis in *M. tuberculosis*

No meeting time listed

Sarah Fortune

Course ID: 123059
2026 Spring (4 Credits)

FAS Divisional Distribution: None

BPH 380

Interplay Between the Innate Immune System/Intestinal Microbial Communities

No meeting time listed

Wendy Garrett

Course ID: 127157
2025 Fall (4 Credits)

FAS Divisional Distribution: None

BPH 380

Interplay Between the Innate Immune System/Intestinal Microbial Communities

No meeting time listed

Wendy Garrett

Course ID: 127157
2026 Spring (4 Credits)

FAS Divisional Distribution: None

BPH 381
Receptor Signaling and Disease
No meeting time listed
Quan Lu

Course ID: 127512
2025 Fall (4 Credits)

FAS Divisional Distribution: None

BPH 381
Receptor Signaling and Disease
No meeting time listed
Quan Lu

Course ID: 127512
2026 Spring (4 Credits)

FAS Divisional Distribution: None

BPH 382
Quantitative Study of Energy Metabolism in Mammals
No meeting time listed
Sheng Hui

Course ID: 107908
2026 Spring (4 Credits)

FAS Divisional Distribution: None

BPH 382
Quantitative Study of Energy Metabolism in Mammals
No meeting time listed
Sheng Hui

Course ID: 107908
2025 Fall (4 Credits)

FAS Divisional Distribution: None

BPH 384
Sex and Reproduction Anopheles gambiae: Targets for the Control of Malaria Transmission
No meeting time listed
Flaminia Catteruccia

Course ID: 109266
2025 Fall (4 Credits)

FAS Divisional Distribution: None

BPH 384
Sex and Reproduction Anopheles gambiae: Targets for the Control of Malaria Transmission
No meeting time listed
Flaminia Catteruccia

Course ID: 109266
2026 Spring (4 Credits)

FAS Divisional Distribution: None

BPH 385

The Molecular Genetics of Aging

No meeting time listed

William Mair

Course ID: 109267
2025 Fall (4 Credits)

FAS Divisional Distribution: None

BPH 385

The Molecular Genetics of Aging

No meeting time listed

William Mair

Course ID: 109267
2026 Spring (4 Credits)

FAS Divisional Distribution: None

BPH 386

Viral Immunology of Coronaviruses and other Emerging Infectious Diseases

No meeting time listed

Kizzmekia Corbett-Helaire

Course ID: 219974
2025 Fall (4 Credits)

FAS Divisional Distribution: None

BPH 386

Viral Immunology of Coronaviruses and other Emerging Infectious Diseases

No meeting time listed

Kizzmekia Corbett-Helaire

Course ID: 219974
2026 Spring (4 Credits)

FAS Divisional Distribution: None

BPH 388

Functional analysis of microbial communities and the human microbiome

No meeting time listed

Curtis Huttenhower

Course ID: 109362
2025 Fall (4 Credits)

FAS Divisional Distribution: None

BPH 388

Functional analysis of microbial communities and the human microbiome

No meeting time listed

Curtis Huttenhower

Course ID: 109362
2026 Spring (4 Credits)

FAS Divisional Distribution: None

BPH 391

The evolution and spread of pathogens

No meeting time listed

Yonatan Grad

Course ID: 160461
2025 Fall (4 Credits)

FAS Divisional Distribution: None

BPH 391

The evolution and spread of pathogens

No meeting time listed

Yonatan Grad

Course ID: 160461
2026 Spring (4 Credits)

FAS Divisional Distribution: None

BPH 392

Cellular Organelles and Metabolic Compartmentalization in Physiology and Disease

No meeting time listed

Nora Kory

Course ID: 216800
2025 Fall (4 Credits)

FAS Divisional Distribution: None

BPH 392

Cellular Organelles and Metabolic Compartmentalization in Physiology and Disease

No meeting time listed

Nora Kory

Course ID: 216800
2026 Spring (4 Credits)

FAS Divisional Distribution: None

BPH 393

Airway epithelium and chronic lung disease

No meeting time listed

Jin-Ah Park

Airway epithelium and chronic lung disease

Course ID: 203598
2025 Fall (4 Credits)

FAS Divisional Distribution: None

BPH 393

Airway epithelium and chronic lung disease

No meeting time listed

Jin-Ah Park

Course ID: 203598
2026 Spring (4 Credits)

Airway epithelium and chronic lung disease

FAS Divisional Distribution: None

BPH 394

DNA Repair and Personalized Medicine

No meeting time listed

Zachary Nagel

Course ID: 204514
2025 Fall (4 Credits)

FAS Divisional Distribution: None

BPH 394

DNA Repair and Personalized Medicine

No meeting time listed

Zachary Nagel

Course ID: 204514
2026 Spring (4 Credits)

FAS Divisional Distribution: None

BPH 395

Regulation of programmed cell death in health and disease

No meeting time listed

Kristopher Sarosiek

Course ID: 205566
2025 Fall (4 Credits)

FAS Divisional Distribution: None

BPH 395

Regulation of programmed cell death in health and disease

No meeting time listed

Kristopher Sarosiek

Course ID: 205566
2026 Spring (4 Credits)

FAS Divisional Distribution: None

BPH 396

Evolutionary Genomics of Malaria Parasites and Mosquito Vectors

No meeting time listed

Daniel Neafsey

Course ID: 000396
2025 Fall (4 Credits)

FAS Divisional Distribution: None

BPH 396

Evolutionary Genomics of Malaria Parasites and Mosquito Vectors

No meeting time listed

Daniel Neafsey

Course ID: 000396
2026 Spring (4 Credits)

FAS Divisional Distribution: None

BPH 398

Microbiome Modulation of Mucosal Antiviral Immunity

No meeting time listed

Smita Gopinath

Course ID: 216750
2025 Fall (4 Credits)

FAS Divisional Distribution: None

BPH 398

Microbiome Modulation of Mucosal Antiviral Immunity

No meeting time listed

Smita Gopinath

Course ID: 216750
2026 Spring (4 Credits)

FAS Divisional Distribution: None

BPH 399

Computational Biology of Asthma

No meeting time listed

Adam Haber

Course ID: 216754
2025 Fall (4 Credits)

FAS Divisional Distribution: None

BPH 399

Computational Biology of Asthma

No meeting time listed

Adam Haber

Course ID: 216754
2026 Spring (4 Credits)

FAS Divisional Distribution: None

Biomedical Engineering

Biomedical Engineering

BE 110

Physiological Systems Analysis

MW 1115 AM - 1230 PM

Maurice Smith

Course ID: 150189
2026 Spring (4 Credits)

A survey of systems theory with applications from bioengineering and physiology. Analysis: differential equations, linear and nonlinear systems, stability, the complementary nature of time and frequency domain methods, feedback, and biological oscillations. Applications: nerve function, muscle dynamics, cardiovascular regulation. Laboratory: neural models, feedback control systems, properties of muscle, cardiovascular function.

Engineering Sciences 53 (or equivalent); Physical Sciences 12b (or equivalent); and Math 21a and Math21b (or equivalents)

BE 121

Cellular Engineering

TR 1115 AM - 1230 PM

Kit Parker

Course ID: 119067

2025 Fall (4 Credits)

Instructor Permission Required

This is a combined introductory graduate/upper-level undergraduate course that focuses on examining modern techniques for manipulating cellular behavior and the application of these techniques to problems in the biomedical and biotechnological arenas. Applications in drug discovery, regenerative medicine, and cellular agriculture will be discussed. Topics will include controlling behavior of cells through cell-matrix interactions, cytoskeletal architecture, and cell behavior in processes such as angiogenesis and wound healing. Lectures will review fundamental concepts in cell biology before delving into topical examples from current literature. Students will work weekly in the lab learning cell culture techniques, soft lithography, microscopy, and classical in vitro assays measuring cell behavior.

Course Note: BE121 and ES222 are the same course. This course has a mandatory laboratory section that will require hands-on work outside of scheduled lecture times.

Requires: Prerequisite: LS1a (or LPS A); LS 1b; Math 21b (or equivalent); Physical Sciences 12a and 12b (or equivalents); and Engineering Sciences 53; AND Co-requisite: Biomedical Engineering 110

FAS Divisional Distribution: Science & Engineering & Applied Science

BE 124

Biomechanics of Movement and Assistive Robotics

TR 0945 AM - 1100 AM

Patrick Slade

Course ID: 222521

2026 Spring (4 Credits)

This course will study the fundamentals of human movement, emphasizing applications in rehabilitation, athletics, and assistive devices. Topics will focus on the biomechanical principles of movement (muscle and tendon properties), experimental data collection techniques (motion capture, wearable sensing, and imaging), simulation with musculoskeletal modeling, and cutting-edge topics in assistive robotics (human-centered design, human-in-the-loop optimization, exoskeletons, etc.). A semester-long project will allow students to apply the topics to solve a problem of interest relating to human movement or assisted mobility.

Linear algebra (Math 21b or equivalent), introductory programming ability, and familiarity with physics topics like moments/torques and free body diagrams. We will provide review materials on these preparatory topics to help with assessing your knowledge and getting all students to the same starting point to succeed in the course.

FAS Divisional Distribution: Science & Engineering & Applied Science

BE 125

Tissue Engineering

MW 0345 PM - 0500 PM

David Mooney

Course ID: 121282

2026 Spring (4 Credits)

Fundamental engineering and biological principles underlying field of tissue engineering, along with examples and strategies to engineer specific tissues for clinical use. Students will prepare a paper in the field of tissue engineering, and participate in a weekly laboratory in which they will learn and use methods to fabricate materials and perform 3-D cell culture.

LS1a, Chem17 or 20, or biochemistry and cell biology background.

FAS Divisional Distribution: Science & Engineering & Applied Science

BE 128

Introduction to Biomedical Imaging and Systems

TR 1115 AM - 1230 PM

Linsey Moyer

Course ID: 204470

2026 Spring (4 Credits)

Instructor Permission Required

The course is designed as an introduction for students who want to gain both hands on training as well as an introduction to the physics and image reconstruction techniques involved in generating medical and scientific

images. The course will introduce the fundamentals of the major imaging modalities including, but not limited to: electron microscopy, optical microscopy, x-ray, computed tomography, ultrasound, MRI, and nuclear imaging, as well as an overview of in vivo imaging and molecular imaging.

Physics, calculus; basic biology helpful but not required.

Requires: Prerequisite: Applied Physics 50b OR Physical Sciences 12b OR Physics 15b OR PHYSCI 3 AND Math1b or higher

FAS Divisional Distribution: Science & Engineering & Applied Science

BE 129

Introduction to Bioelectronics

TR 1245 PM - 0200 PM

Jia Liu

Course ID: 211359

2026 Spring (4 Credits)

Instructor Permission Required

This course introduces bioelectronics and its applications in neuroscience, neuroengineering, cardiology, wearable technology, and so on. The focus is on the basic principles of bioelectricity, biochemistry, and physiological behaviors of biological systems and how to design electronic tools to precisely measure and control them. Key themes throughout the course will include bioelectricity, biochemistry, cellular and tissue physiological behavior, optogenetics, sensors, stimulators, circuits, signal processing, electronics-biology interface, and applications. This includes both the practical and theoretical aspects of the topic. Three experimental demonstrations will be included as part of the normal class meeting time. Given its broad coverage, students who enroll in this course are expected to have a substantial background in chemistry, biology, and electrical engineering (see recommended prep and course requirements).

Course Note: This course is intended for juniors and seniors. The total enrollment limit for BE 129 and ES 258 is 20 students.

ENG-SCI 50, ENG-SCI 52, or ENG-SCI 152.

FAS Divisional Distribution: Science & Engineering & Applied Science

BE 131

Neuroengineering

TR 1245 PM - 0200 PM

Jia Liu

Course ID: 216486

2025 Fall (4 Credits)

Instructor Permission Required

This course provides an introduction to biological neural systems, and current engineering efforts to understand, control, and enhance the function of neural systems. The focus is on the basic knowledge of molecular basis, anatomic structures, and electrical functions of central and peripheral nervous systems, and the most state-of-the-art genetic/genomic, optical, electrical, magnetic, and computational tools for nervous systems. Key themes throughout the course will include structures of central and peripheral nervous systems, genetic engineering, RNA sequencing, optogenetics, microscope, bioelectronics, MRI, and computational neuroscience. This includes both the practical and theoretical aspects of the topic.

This course is intended for juniors and seniors with some background in biology or engineering. ENG-SCI 54 and one life science course are recommended.

FAS Divisional Distribution: Science & Engineering & Applied Science

Biophysics

Biophysics

BIOPHYS 170 (0001)

Evolutionary and Quantitative Genomics

MWF 1100 AM - 1215 PM

Leonid Mirny, Tami Lieberman

Course ID: 121318

2025 Fall (4 Credits)

Instructor Permission Required

Aims to develop deep quantitative understanding of basic forces of evolution, molecular evolution, genetic variations and their dynamics in populations, genetics of complex phenotypes, and genome-wide association studies. Application of these foundational concepts to cutting edge studies in epigenetics, gene regulation and chromatin; cancer genomics, and microbiomes. Modules consist of lectures, journal club discussions of high

impact publications, and guest lectures that provide clinical correlates. Homework assignments and final projects aim to develop hands-on experience and understanding of genomic data from evolutionary principles.

Offered jointly with the HST Program/ Harvard Medical School as HT.508. You would register for this course through the normal Harvard Course Enrollment process in [my.harvard.edu](http://web.mit.edu/hst.508/). <http://web.mit.edu/hst.508/>

FAS Divisional Distribution: Science & Engineering & Applied Science

BIOPHYS 205

Computational and Functional Genomics

MWF 0230 PM - 0345 PM

Shamil Sunyaev

Course ID: 119807
2026 Spring (4 Credits)

Instructor Permission Required

This is an upper-level critical paper reading and discussion course in the areas of experimental and computational functional genomics. Topics include genome sequencing, sequence analysis, transcriptomics, epigenomics, gene regulation, proteomics, chemical genomics, metabolomics, phenomics, and genetic variation analysis. Journal articles will comprise both classic, landmark papers in genomics and also more recent papers. Topics will be covered through paper presentations and in-class discussions. Students will be responsible for 'chalk talk' style presentations of assigned articles and leading class discussions of those articles, as well as active participation in discussion of all assigned papers. There will be written and oral presentations of final student proposals at the end of the term.

Molecular Biology (MCB 60 or equivalent), solid understanding of basic probability and statistics.

FAS Divisional Distribution: Science & Engineering & Applied Science

BIOPHYS 242R

Special Topics in Biophysics

TR 0300 PM - 0415 PM

Martha Bulyk, Rachelle Gaudet, Sahand Hormoz

Course ID: 117635
2026 Spring (4 Credits)

Biophysical topics emerging from special interest research not normally available in established curriculum. The 2024-25 year's course (Spring 2025) is focused across 4 topic blocks: Making Sense of High-Dimensional Data; Structure (or the Lack Thereof) and Its Relationship to Function- Seen Through an Atomic Lens; Single-Molecule Biophysics and Measurement Technologies; and Dynamical Systems in Biophysics.

Course Note: Lectures, Problem Set, Research Papers, proposal writing, and potential lab components.

FAS Divisional Distribution: Science & Engineering & Applied Science

BIOPHYS 300

Introduction to Laboratory Research

MWF 0430 PM - 0545 PM

Martha Bulyk, Rachelle Gaudet

Course ID: 121518
2025 Fall (4 Credits)

Instructor Permission Required

Introductory lectures by associated Biophysics faculty members. Lectures Fall semester only accompanied by three periods of instruction in laboratories of structural biology, cell and membrane biophysics, molecular genetics and development, neurobiology, bioinformatics, and physical biochemistry.

Course Note: Fall semester only: meets on both the Cambridge and HMS campuses. Contact department Admin for fall course location and individual faculty member presentation schedule.

Course for G1 Students meets 3 times per week and alternates campuses depending on faculty instructor. Exact schedule will be available from Program Administrator in August. This course also covers student laboratory rotation time.

FAS Divisional Distribution: Science & Engineering & Applied Science

BIOPHYS 300

Introduction to Laboratory Research

No meeting time listed

Martha Bulyk, Rachelle Gaudet

Course ID: 121518
2026 Spring (4 Credits)

Instructor Permission Required

Introductory lectures by associated Biophysics faculty members. Lectures Fall semester only accompanied by

three periods of instruction in laboratories of structural biology, cell and membrane biophysics, molecular genetics and development, neurobiology, bioinformatics, and physical biochemistry.

Course Note: Fall semester only: meets on both the Cambridge and HMS campuses. Contact department Admin for fall course location and individual faculty member presentation schedule.

FAS Divisional Distribution: Science & Engineering & Applied Science

BIOPHYS 301

Quantitative Proteomics of Cancer Progression

No meeting time listed

Jarrold Marto

Course ID: 122043

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 302

Quantitative Analysis of Regulatory Networks

No meeting time listed

Erin O'Shea

Course ID: 123175

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 303

NMR Studies of Macromolecular Structure and Function

No meeting time listed

Gerhard Wagner

Course ID: 117817

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 303

NMR Studies of Macromolecular Structure and Function

No meeting time listed

Gerhard Wagner

Course ID: 117817

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 304

Basic Mechanisms of T cell Mediated Autoimmune Diseases

No meeting time listed

Kai Wucherpfennig

Course ID: 122044

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 305

Experimental Atomic Physics, Biophysics, and Soft Matter Physics

Course ID: 122045

2026 Spring (4 Credits)

No meeting time listed
Ronald Walsworth

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 306
Quantitative Models of Cellular Behavior to Investigate Protein Function
No meeting time listed
Jagesh Shah

Course ID: 122046
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 307
Dynamics of Network Motifs in Single Living Human Cells
No meeting time listed
Galit Lahav

Course ID: 122047
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 307
Dynamics of Network Motifs in Single Living Human Cells
No meeting time listed
Galit Lahav

Course ID: 122047
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 310
Sensory Information in Neuronal Processes
No meeting time listed
Naoshige Uchida

Course ID: 123176
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 310
Sensory Information in Neuronal Processes
No meeting time listed
Naoshige Uchida

Course ID: 123176
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 311
Digital Computer Applications in Biophysics
No meeting time listed

Course ID: 144404
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 312	Course ID: 123177
Multiphoton Microscopy in Imaging Alzheimer's Disease	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Brian Bacskai</i>	

FAS Divisional Distribution: None

BIOPHYS 312	Course ID: 123177
Multiphoton Microscopy in Imaging Alzheimer's Disease	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Brian Bacskai</i>	

FAS Divisional Distribution: None

BIOPHYS 313	Course ID: 124781
Neurobiology of Vocal Learning	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Bence Olveczky</i>	

BIOPHYS 313	Course ID: 124781
Neurobiology of Vocal Learning	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Bence Olveczky</i>	

BIOPHYS 315	Course ID: 111966
Structural Molecular Biology	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Stephen Harrison</i>	

FAS Divisional Distribution: None

BIOPHYS 315	Course ID: 111966
Structural Molecular Biology	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Stephen Harrison</i>	

FAS Divisional Distribution: None

BIOPHYS 319	Course ID: 125771
Analysis of Structure and Function of Nicotinic Acetylcholine Receptors	2025 Fall (4 Credits)

No meeting time listed
Adam Cohen

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 319
Analysis of Structure and Function of Nicotinic Acetylcholine Receptors
No meeting time listed
Adam Cohen

Course ID: 125771
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 321
Physical Biology of Chromosomes
No meeting time listed
Nancy Kleckner

Course ID: 120940
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 321
Physical Biology of Chromosomes
No meeting time listed
Nancy Kleckner

Course ID: 120940
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 322
Structural Diversification of Very Long-Chain Fatty Acids
No meeting time listed
Vladimir Denic

Course ID: 125775
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 322
Structural Diversification of Very Long-Chain Fatty Acids
No meeting time listed
Vladimir Denic

Course ID: 125775
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 323
Transcriptional Regulatory Circuits and Neuronal Circuits in Visual Recognition

Course ID: 127669
2025 Fall (4 Credits)

No meeting time listed
Gabriel Kreiman

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 323
Transcriptional Regulatory Circuits and Neuronal Circuits in Visual Recognition

Course ID: 127669
2026 Spring (4 Credits)

No meeting time listed
Gabriel Kreiman

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 324
Conformational Changes in Macromolecules

Course ID: 125778
2026 Spring (4 Credits)

No meeting time listed
Collin Stultz

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 325
Physics of Macromolecular Assemblies and Subcellular Organization

Course ID: 125776
2025 Fall (4 Credits)

No meeting time listed
Daniel Needleman

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 325
Physics of Macromolecular Assemblies and Subcellular Organization

Course ID: 125776
2026 Spring (4 Credits)

No meeting time listed
Daniel Needleman

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 326
Statistical and Continuum Mechanics of Macromolecular Assemblies

Course ID: 125779
2025 Fall (4 Credits)

No meeting time listed
L Mahadevan

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 326
Statistical and Continuum Mechanics of Macromolecular Assemblies

Course ID: 125779
2026 Spring (4 Credits)

No meeting time listed
L Mahadevan

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 327

Molecular Genetics

No meeting time listed
Frederick Ausubel

Course ID: 113737
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 329

Computational and Functional Genomics

No meeting time listed
George Church

Course ID: 113921
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 329

Computational and Functional Genomics

No meeting time listed
George Church

Course ID: 113921
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 330

Principles of Self vs. Non-self RNA Discrimination by the Immune System

No meeting time listed
Sun Hur

Course ID: 126673
2025 Fall (4 Credits)

Instructor Permission Required

BIOPHYS 330

Principles of Self vs. Non-self RNA Discrimination by the Immune System

No meeting time listed
Sun Hur

Course ID: 126673
2026 Spring (4 Credits)

Instructor Permission Required

BIOPHYS 331

Communication of Information In and Between Cells and Organisms

No meeting time listed
Erel Levine

Course ID: 126674
2026 Spring (4 Credits)

Instructor Permission Required

BIOPHYS 333

Topics in Biophysics and Molecular Biology

No meeting time listed
Brian Seed

Course ID: 111143
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 334	Course ID: 126675
Decision Making in Cells and Organisms	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Sharad Ramanathan</i>	

BIOPHYS 334	Course ID: 126675
Decision Making in Cells and Organisms	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Sharad Ramanathan</i>	

BIOPHYS 335	Course ID: 127686
Developing novel single-molecule methods to study multi-protein complexes	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Joseph John Loparo</i>	

BIOPHYS 335	Course ID: 127686
Developing novel single-molecule methods to study multi-protein complexes	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Joseph John Loparo</i>	

BIOPHYS 336	Course ID: 126676
Mass Spectrometric and Proteomic Studies of the Cell Cycle	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Hanno Steen</i>	

BIOPHYS 337	Course ID: 111008
Membrane Structure and Function	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Keith Miller</i>	

FAS Divisional Distribution: None

BIOPHYS 338	Course ID: 127687
Foundation of Information Directed Molecular Technology: Programming Nucleic Acid Self-Assembly	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Peng Yin</i>	

BIOPHYS 338	Course ID: 127687
Foundation of Information Directed Molecular Technology: Programming Nucleic Acid Self-Assembly	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Peng Yin</i>	

BIOPHYS 339 Theoretical and Experimental Approaches to Study Genetic Variation within Populations <i>No meeting time listed</i> <i>Michael Desai</i>	Course ID: 127688 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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BIOPHYS 339 Theoretical and Experimental Approaches to Study Genetic Variation within Populations <i>No meeting time listed</i> <i>Michael Desai</i>	Course ID: 127688 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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BIOPHYS 340 Novel Theory and Experiments in NMR Spectroscopy <i>No meeting time listed</i> <i>Andrew Kiruluta</i>	Course ID: 127689 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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BIOPHYS 341 Structure and Function of Ligand-Gated Ion Channels <i>No meeting time listed</i> <i>Jonathan Cohen</i>	Course ID: 121622 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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FAS Divisional Distribution: None

BIOPHYS 342 Novel Optical Detection for Treatment and Monitoring Approaches Targeting Major Disease <i>No meeting time listed</i> <i>Conor Evans</i>	Course ID: 127690 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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BIOPHYS 342 Novel Optical Detection for Treatment and Monitoring Approaches Targeting Major Disease <i>No meeting time listed</i> <i>Conor Evans</i>	Course ID: 127690 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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BIOPHYS 343 Theoretical Protein Science, Bioinformatics, Computational Chemistry <i>No meeting time listed</i> <i>Eugene Shakhnovich</i>	Course ID: 120068 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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FAS Divisional Distribution: None

BIOPHYS 343 Theoretical Protein Science, Bioinformatics, Computational Chemistry <i>No meeting time listed</i> <i>Eugene Shakhnovich</i>	Course ID: 120068 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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FAS Divisional Distribution: None

BIOPHYS 344

Directed Evolution and Design of Simple Cellular Systems

No meeting time listed

Jack Szostak

Course ID: 118046
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 345

Regulation of RNA Polymerase Motor Mechanism In Vivo

No meeting time listed

Stirling Churchman

Course ID: 156013
2026 Spring (4 Credits)

Instructor Permission Required

BIOPHYS 345

Regulation of RNA Polymerase Motor Mechanism In Vivo

No meeting time listed

Stirling Churchman

Course ID: 156013
2025 Fall (4 Credits)

Instructor Permission Required

BIOPHYS 346

Biofilm Dynamics

No meeting time listed

Roberto Kolter

Course ID: 116418
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 347

Membrane Dynamics; Membrane Structure

No meeting time listed

David Golan

Course ID: 116349
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 347

Membrane Dynamics; Membrane Structure

No meeting time listed

David Golan

Course ID: 116349
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 349

Structural Biochemistry and Cell Biology of Intracellular Membrane Traffic

Course ID: 113957
2025 Fall (4 Credits)

No meeting time listed
Tomas Kirchhausen

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 349	Course ID: 113957
Structural Biochemistry and Cell Biology of Intracellular Membrane Traffic	2026 Spring (4 Credits)
No meeting time listed	Instructor Permission Required
Tomas Kirchhausen	

FAS Divisional Distribution: None

BIOPHYS 350	Course ID: 156014
Organization, Structure and Dynamics of Prokaryotic Cytoplasm	2025 Fall (4 Credits)
No meeting time listed	Instructor Permission Required
Ethan Garner	

BIOPHYS 350	Course ID: 156014
Organization, Structure and Dynamics of Prokaryotic Cytoplasm	2026 Spring (4 Credits)
No meeting time listed	Instructor Permission Required
Ethan Garner	

BIOPHYS 352	Course ID: 156015
Mechanical Force in Nanoscale Biology; Hemostasis to Single-Molecule Centrifugation	2025 Fall (4 Credits)
No meeting time listed	Instructor Permission Required
Wesley Wong	

BIOPHYS 352	Course ID: 156015
Mechanical Force in Nanoscale Biology; Hemostasis to Single-Molecule Centrifugation	2026 Spring (4 Credits)
No meeting time listed	Instructor Permission Required
Wesley Wong	

BIOPHYS 353	Course ID: 114897
Molecular Genetics of Development	2025 Fall (4 Credits)
No meeting time listed	Instructor Permission Required
Gary Ruvkun	

FAS Divisional Distribution: None

BIOPHYS 353	Course ID: 114897
Molecular Genetics of Development	2026 Spring (4 Credits)
No meeting time listed	Instructor Permission Required
Gary Ruvkun	

FAS Divisional Distribution: None

BIOPHYS 354
Structural Biology and Cancer Drug Discovery

No meeting time listed

Gregory Verdine

Course ID: 113908
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 355
Chemical Genetics and Genomics

No meeting time listed

Stuart Schreiber

Course ID: 112211
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 360
Functional Mapping of Neurons and their Axonal Inputs Across Cortical Laminae

No meeting time listed

Mark Andermann

Course ID: 156016
2025 Fall (4 Credits)

Instructor Permission Required

BIOPHYS 360
Functional Mapping of Neurons and their Axonal Inputs Across Cortical Laminae

No meeting time listed

Mark Andermann

Course ID: 156016
2026 Spring (4 Credits)

Instructor Permission Required

BIOPHYS 361
Rational Drug Design; Biomaterials Science; Biophysics

No meeting time listed

George Whitesides

Course ID: 120322
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 362
Molecular Physiology of Ion Channels

No meeting time listed

Gary Yellen

Course ID: 113415
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 362
Molecular Physiology of Ion Channels

No meeting time listed

Course ID: 113415
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 363	Course ID: 124197
Biophysics of Receptor-Ligand Interactions	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Stephen Blacklow</i>	

BIOPHYS 363	Course ID: 124197
Biophysics of Receptor-Ligand Interactions	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Stephen Blacklow</i>	

BIOPHYS 364	Course ID: 116372
Systems Cell Biology	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Pamela Silver</i>	

FAS Divisional Distribution: None

BIOPHYS 364	Course ID: 116372
Systems Cell Biology	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Pamela Silver</i>	

FAS Divisional Distribution: None

BIOPHYS 365	Course ID: 112369
Visual Processing in Primates	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>John Assad</i>	

BIOPHYS 365	Course ID: 112369
Visual Processing in Primates	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>John Assad</i>	

BIOPHYS 366	Course ID: 115666
Imaging, Optics, and Biology	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>David Clapham</i>	

FAS Divisional Distribution: None

BIOPHYS 367

Structure Biology of Cytoplasmic Signal Transduction

No meeting time listed

Michael Eck

Course ID: 115667

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 367

Structure Biology of Cytoplasmic Signal Transduction

No meeting time listed

Michael Eck

Course ID: 115667

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 369

Organic Chemistry and Chemical Biology of Molecular Evolution

No meeting time listed

David Liu

Course ID: 115669

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 369

Organic Chemistry and Chemical Biology of Molecular Evolution

No meeting time listed

David Liu

Course ID: 115669

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 370

Cytoskeleton Dynamics; Mitosis and Cell Locomotion; Small Molecule Inhibitors

No meeting time listed

Timothy Mitchison

Course ID: 115670

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 371

Neurons, circuits and computation

No meeting time listed

Venkatesh Murthy

Course ID: 115671

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 371
Neurons, circuits and computation

No meeting time listed
Venkatesh Murthy

Course ID: 115671
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 372
Protein Transport Across the ER Membrane

No meeting time listed
Tom Rapoport

Course ID: 115673
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 372
Protein Transport Across the ER Membrane

No meeting time listed
Tom Rapoport

Course ID: 115673
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 373
DNA Replication and Repair Mechanisms that Suppress Genomic Instability

No meeting time listed
Johannes Walter

Course ID: 156017
2025 Fall (4 Credits)

Instructor Permission Required

BIOPHYS 373
DNA Replication and Repair Mechanisms that Suppress Genomic Instability

No meeting time listed
Johannes Walter

Course ID: 156017
2026 Spring (4 Credits)

Instructor Permission Required

BIOPHYS 375
Single-Molecule Biophysics

No meeting time listed
Xiaoliang Xie

Course ID: 115676
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 376
Functional and Computational Genomics Studies of Transcription Factors and Cis Regulatory Elements

No meeting time listed
Martha Bulyk

Course ID: 116572
2025 Fall (4 Credits)

Instructor Permission Required

BIOPHYS 376 Functional and Computational Genomics Studies of Transcription Factors and Cis Regulatory Elements <i>No meeting time listed</i> <i>Martha Bulyk</i>	Course ID: 116572 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOPHYS 377 Statistical Theory and Inference for Stochastic Processes: With Applications to Bioinformatics <i>No meeting time listed</i> <i>Jun Liu</i>	Course ID: 116573 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOPHYS 378 Structural and Cellular Biology of Insulin Signal Transduction <i>No meeting time listed</i> <i>Steven Shoelson</i>	Course ID: 116574 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOPHYS 380 Microarray Data: Issues and Challenges <i>No meeting time listed</i> <i>Leonid Mirny</i>	Course ID: 116576 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BIOPHYS 380 Microarray Data: Issues and Challenges <i>No meeting time listed</i> <i>Leonid Mirny</i>	Course ID: 116576 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOPHYS 381 Single-Molecule Biophysics <i>No meeting time listed</i> <i>Xiaowei Zhuang</i>	Course ID: 116577 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BIOPHYS 381 Single-Molecule Biophysics <i>No meeting time listed</i> <i>Xiaowei Zhuang</i>	Course ID: 116577 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOPHYS 382 Regulation of Synaptic Transmission and Dendritic Function in the Mammalian Brain <i>No meeting time listed</i> <i>Bernardo Sabatini</i>	Course ID: 116678 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BIOPHYS 382 Regulation of Synaptic Transmission and Dendritic Function in the Mammalian Brain <i>No meeting time listed</i> <i>Bernardo Sabatini</i>	Course ID: 116678 2026 Spring (4 Credits) <i>Instructor Permission Required</i>

BIOPHYS 384 NMR Spectroscopy on Membrane-associated Proteins and Peptides <i>No meeting time listed</i> <i>James Chou</i>	Course ID: 119221 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOPHYS 386 Synaptic Plasticity and Neuronal Networks <i>No meeting time listed</i> <i>Florian Engert</i>	Course ID: 118091 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BIOPHYS 386 Synaptic Plasticity and Neuronal Networks <i>No meeting time listed</i> <i>Florian Engert</i>	Course ID: 118091 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOPHYS 387 Structural Studies of the Stereochemistry of Signaling and Transport through Biological Membranes <i>No meeting time listed</i> <i>Rachelle Gaudet</i>	Course ID: 118092 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BIOPHYS 387 Structural Studies of the Stereochemistry of Signaling and Transport through Biological Membranes <i>No meeting time listed</i> <i>Rachelle Gaudet</i>	Course ID: 118092 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOPHYS 390 Regulation of Mitosis <i>No meeting time listed</i> <i>Andrew Murray</i>	Course ID: 118096 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BIOPHYS 390 Regulation of Mitosis <i>No meeting time listed</i> <i>Andrew Murray</i>	Course ID: 118096 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOPHYS 391 Computational Methods in Genetics, Genomics and Proteomics <i>No meeting time listed</i> <i>Shamil Sunyaev</i>	Course ID: 118097 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BIOPHYS 391 Computational Methods in Genetics, Genomics and Proteomics <i>No meeting time listed</i> <i>Shamil Sunyaev</i>	Course ID: 118097 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOPHYS 392 Biophysics of Mechanosensation	Course ID: 119222 2026 Spring (4 Credits)

No meeting time listed
David Corey

Instructor Permission Required

BIOPHYS 393
The Mechanics and Regulation of Mitosis
No meeting time listed
David Pellman

Course ID: 119223
2025 Fall (4 Credits)
Instructor Permission Required

BIOPHYS 393
The Mechanics and Regulation of Mitosis
No meeting time listed
David Pellman

Course ID: 119223
2026 Spring (4 Credits)
Instructor Permission Required

BIOPHYS 394
Experimental Biophysics
No meeting time listed
Mara Prentiss

Course ID: 119225
2025 Fall (4 Credits)
Instructor Permission Required

BIOPHYS 394
Experimental Biophysics
No meeting time listed
Mara Prentiss

Course ID: 119225
2026 Spring (4 Credits)
Instructor Permission Required

BIOPHYS 395
Biophysics of Cell Adhesion and Vascular Shear Flow
No meeting time listed
Timothy Springer

Course ID: 119226
2025 Fall (4 Credits)
Instructor Permission Required

BIOPHYS 395
Biophysics of Cell Adhesion and Vascular Shear Flow
No meeting time listed
Timothy Springer

Course ID: 119226
2026 Spring (4 Credits)
Instructor Permission Required

BIOPHYS 396
Behavioral Neuroscience and Neurophysiology
No meeting time listed
Aravinthan Samuel

Course ID: 119227
2025 Fall (4 Credits)
Instructor Permission Required

BIOPHYS 396
Behavioral Neuroscience and Neurophysiology
No meeting time listed
Aravinthan Samuel

Course ID: 119227
2026 Spring (4 Credits)
Instructor Permission Required

BIOPHYS 397
Research in Integrin Signaling, Cytoskeleton, and Control of Angiogenesis
No meeting time listed
Don Ingber

Course ID: 120730
2026 Spring (4 Credits)
Instructor Permission Required

BIOPHYS 399
Biomolecular Nanotechnology
No meeting time listed
William Shih

Course ID: 122042
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 399
Biomolecular Nanotechnology
No meeting time listed
William Shih

Course ID: 122042
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

BIOPHYS 3000 (1)
Graduate Research Course

Course ID: 003000
2025 Fall (4 Credits)

For students carrying out dissertation research in Biophysics.

FAS Divisional Distribution: None

BIOPHYS 3000 (1)
Graduate Research Course

Course ID: 003000
2026 Spring (4 Credits)

For students carrying out dissertation research in Biophysics.

FAS Divisional Distribution: None

BIOPHYS 3001QC
Research Design and Proposal Writing Quarter Course
T 0900 AM - 1000 AM
Michael Eck, Vassilios Bezzerides

Course ID: 000230
2025 Fall (2 Credits)
Instructor Permission Required

A course to help guide students in developing and writing both experimental and theory research-based proposals.

FAS Divisional Distribution: None

Biostatistics

Biostatistics

BIOSTAT 230
Probability I
TR 0945 AM - 1115 AM
Jeffrey Miller

Course ID: 119844
2025 Fall (4 Credits)
Instructor Permission Required

Axiomatic foundations of probability, independence, conditional probability, joint distributions, transformations, moment generating functions, characteristic functions, moment inequalities, sampling distributions, modes of convergence and their interrelationships, laws of large numbers, central limit theorem, and stochastic processes.

Course Note: Offered jointly with the School of Public Health as BST230.

FAS Divisional Distribution: Science & Engineering & Applied Science

BIOSTAT 231

Statistical Inference I

MW 0945 AM - 1115 AM

Rui Duan

Course ID: 119845

2026 Spring (4 Credits)

Instructor Permission Required

Exponential families, sufficiency, ancillarity, completeness, method of moments, maximum likelihood, unbiased estimation, Rao-Blackwell and Lehmann-Scheffe theorems, information inequality, Neyman-Pearson theory, likelihood ratio, score and Wald tests, uniformly and locally most powerful tests, asymptotic relative efficiency.

Course Note: Offered jointly with the School of Public Health as BST231.

Requires: Prerequisite: Biostatistics 230

FAS Divisional Distribution: Science & Engineering & Applied Science

BIOSTAT 232

Methods I

MW 0800 AM - 0930 AM

Rachel Nethery

Course ID: 119846

2025 Fall (4 Credits)

Instructor Permission Required

Introductory course in the analysis of Gaussian and categorical data. The general linear regression model, ANOVA, robust alternatives based on permutations, model building, resampling methods (bootstrap and jackknife), contingency tables, exact methods, logistic regression.

Course Note: Offered jointly with the School of Public Health as BST232.

Requires: Prerequisite: Biostatistics PhD Program

FAS Divisional Distribution: Science & Engineering & Applied Science

BIOSTAT 233

Methods II

MW 1130 AM - 0100 PM

Sebastien Haneuse

Course ID: 119847

2026 Spring (4 Credits)

Instructor Permission Required

BIOSTAT 233 is an intermediate-level graduate course in the analysis of continuous, categorical, and time-to-event response data, with a focus on regression modeling as a tool for data analysis. While most of the presentation will be from the frequentist perspective, estimation and inference from the Bayesian perspective will be also be presented for select topics. Specific topics include: Heteroskedastic continuous response data; Theory of generalized linear models; Analysis of binary response data; Analysis of count response data; Analysis of multinomial response data; Analysis of time-to-event response data; Basis methods.

Course Note: Offered jointly with the School of Public Health as BST233.

Requires: Prerequisite: Biostatistics 232

FAS Divisional Distribution: Science & Engineering & Applied Science

BIOSTAT 234

Introduction to Data Structures and Algorithms

M 0800 AM - 0930 AM

Junwei Lu

Course ID: 160641

2026 Spring (4 Credits)

Instructor Permission Required

Introduction to the data structures and computer algorithms that are relevant to statistical computing. The implementation of data structures and algorithms for data management and numerical computations are discussed.

FAS Divisional Distribution: Science & Engineering & Applied Science

BIOSTAT 235**Advanced Regression and Statistical Learning**

TR 0945 AM - 1115 AM

Rong Ma

An advanced course in linear models, including both classical theory and methods for high dimensional data. Topics include theory of estimation and hypothesis testing, multiple testing problems and false discovery rates, cross validation and model selection, regularization and the LASSO, principal components and dimension reduction, and classification methods. Background in matrix algebra and linear regression required.

Course Note: Offered jointly with the School of Public Health as BST235.

Requires: Prerequisite: Biostatistics 231 AND Biostatistics 232

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 119848

2026 Spring (4 Credits)

BIOSTAT 236**Computing I**

TR 0800 AM - 0930 AM

Junwei Lu

This is an introductory graduate-level course focusing on statistical computing. It seamlessly blends critical programming and statistical computing concepts, designed to complement the collaborative and reproducible biostatistics research. The curriculum covers a wide array of topics, including (1) optimization techniques such as Gradient Descent (GD), Stochastic Gradient Descent (SGD), Newton's Method, Alternating Direction Method of Multipliers (ADMM), and constrained optimization; (2) sampling methods like Importance Sampling, MarkovChain Monte Carlo (MCMC), Langevin Dynamics, and stable diffusion alongside foundational linear algebra applications through QR and Cholesky Decomposition, and (3) dynamic programming. Beyond the algorithm aspects, the course emphasizes practical skill development, from coding proficiency and essential best practices to the use of computational tools such as Cluster and Linux environments, Git for version control, and techniques for reproducible research using RMarkdown and Jupyter Notebooks. It also covers software development practices with a focus on developing R packages, visualization and web design to effectively communicate findings, and exploring innovative coding approaches, including automation through advanced tools like ChatGPT. This comprehensive course is designed to equip students with the necessary tools and knowledge for navigating the complexities of statistical computing, with a strong emphasis on practical skills like reproducible research, effective coding practices, and the utilization of modern computational tools.

Course Note: Offered jointly with the School of Public Health as BST236.

Course ID: 225026

2026 Spring (4 Credits)

Instructor Permission Required

BIOSTAT 238**Principles and Advanced Topics in Clinical Trials**

MW 0200 PM - 0330 PM

David Wypij

This course focuses on selected advanced topics in design, analysis, and interpretation of clinical trials, including study design; choice of endpoints (including surrogate endpoints); interim analyses and group sequential methods; subgroup analyses; and meta-analyses.

Course Note: Offered jointly with the School of Public Health as BST 214 & BST 238.

Requires: Prerequisite: BIST 230 AND BIST 231 (may be taken concurrently)

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 125262

2026 Spring (4 Credits)

Instructor Permission Required

BIOSTAT 240**Probability II**

TR 0945 AM - 1115 AM

Rajarshi Mukherjee

A foundational course in measure theoretic probability. Topics include measure theory, Lebesgue integration, product measure and Fubini's Theorem, Radon-Nikodym derivatives, conditional probability, conditional expectation, limit theorems on sequences of random variables, stochastic processes, and weak convergence.

Course Note: Offered jointly with the School of Public Health as BST240.

Course ID: 119854

2025 Fall (4 Credits)

Instructor Permission Required

Requires: Prerequisite: Biostatistics 231
FAS Divisional Distribution: Science & Engineering & Applied Science

BIOSTAT 241

Statistical Inference II

TR 0200 PM - 0330 PM

Rui Wang

Course ID: 119855
2026 Spring (4 Credits)

Instructor Permission Required

Advanced topics in statistical inference. Limit theorems, multivariate delta method, properties of maximum likelihood estimators, saddle point approximations, asymptotic relative efficiency, robust and rank-based procedures, resampling methods, nonparametric curve estimation.

Course Note: Offered jointly with the School of Public Health as BST 241.

Requires: Prerequisite: Biostatistics 240
FAS Divisional Distribution: Science & Engineering & Applied Science

BIOSTAT 244

Analysis of Failure Time Data

MW 0945 AM - 1115 AM

L. Wei

Course ID: 119849
2026 Spring (4 Credits)

Instructor Permission Required

Discusses the theoretical basis of concepts and methodologies associated with survival data and censoring, nonparametric tests, and competing risk models. Much of the theory is developed using counting processes and martingale methods.

Course Note: Offered jointly with the School of Public Health as BST 244.

Requires: Prerequisite: BIOSTAT 231 AND BIOSTAT 232
FAS Divisional Distribution: Science & Engineering & Applied Science

BIOSTAT 245

Analysis of Multivariate and Longitudinal Data

TR 1130 AM - 0100 PM

Tom Chen

Course ID: 119850
2025 Fall (4 Credits)

Instructor Permission Required

The multivariate normal distribution, Hotelling's T^2 , MANOVA, repeated measures, the multivariate linear model, random effects and growth curve models, generalized estimating equations, multivariate categorical outcomes, missing data, computational issues for traditional and new methodologies.

Course Note: Offered jointly with the School of Public Health as BST 245.

Requires: Prerequisite: Biostatistics 231
FAS Divisional Distribution: Science & Engineering & Applied Science

BIOSTAT 249 (01)

Bayesian Methodology in Biostatistics

TR 0200 PM - 0330 PM

Lorenzo Trippa

Course ID: 119853
2025 Fall (4 Credits)

Instructor Permission Required

General principles of the Bayesian approach, prior distributions, hierarchical models and modeling techniques, approximate inference, Markov chain Monte Carlo methods, model assessment and comparison. Bayesian approaches to GLMMs, multiple testing, nonparametrics, clinical trials, survival analysis.

Course Note: Offered jointly with the School of Public Health as BST249.

Requires: Prerequisite: Biostatistics 231 AND Biostatistics 232
FAS Divisional Distribution: Science & Engineering & Applied Science

BIOSTAT 258

Causal Inference: Theory and Practice

TR 0200 PM - 0330 PM

Course ID: 223906
2026 Spring (4 Credits)

Instructor Permission Required

Nima Hejazi

Randomized experimentation is the standard for quantifying the causal effect of an intervention in the public health and biomedical sciences, yet randomization may be impossible, impractical, or unethical, leading to real-world scenarios in which causal inferences are based upon observational comparisons. This course reviews the foundations of causal inference in (bio)statistics, outlining causal-analytic methods that help to extract as much evidence as imperfect observational studies carry about causal effects commonly of interest in applied health science settings. This survey of statistical causal inference begins with foundational concepts: the potential outcomes framework and counterfactual random variables, graphical modeling frameworks, and common assumptions and strategies for the identification of the causal effects of static and dynamic interventions. Methodological extensions for studying the causal effects of time-varying, longitudinal interventions will be touched upon as well. Further topics to be addressed may include instrumental variables approaches, principal stratification, causal mediation analysis, treatment effect heterogeneity, the causal dose-response curve, and causal survival analysis. This course may also introduce elements of semi-parametric theory necessary for the development of asymptotically efficient estimators of causal effect estimands. Where possible, the role of modern regression (i.e., machine learning) techniques and tools for the practical estimation of causal effect estimands will be emphasized.

Course Note: Pre-requisites: BIOSTAT 231 and BIOSTAT 232.

FAS Divisional Distribution: Science & Engineering & Applied Science

BIOSTAT 281

Genomic Data Manipulation

MW 0345 PM - 0515 PM

Eric Franzosa, Kelsey Thompson

Course ID: 126944
2026 Spring (4 Credits)

Instructor Permission Required

Introduction to genomic data, computational methods for interpreting these data, and survey of current functional genomics research. Covers biological data processing, programming for large datasets, high-throughput data (sequencing, proteomics, expression, etc.), and related publications.

Course Note: Offered jointly with the School of Public Health as BST 281.

Requires: Prerequisite: BST 272 or BST 273

FAS Divisional Distribution: Science & Engineering & Applied Science

BIOSTAT 311

Teaching Fellow

No meeting time listed

Course ID: 211229
2025 Fall (4 Credits)

Instructor Permission Required

Work with instructors in the department in laboratory instruction and other teaching-related duties.

FAS Divisional Distribution: Science & Engineering & Applied Science

BIOSTAT 311

Teaching Fellow

No meeting time listed

Course ID: 211229
2026 Spring (4 Credits)

Instructor Permission Required

Work with instructors in the department in laboratory instruction and other teaching-related duties.

FAS Divisional Distribution: Science & Engineering & Applied Science

BIOSTAT 350

Research

No meeting time listed

Rachel Nethery

Course ID: 119866
2025 Fall (4 Credits)

Instructor Permission Required

BIOSTAT 350 Research <i>No meeting time listed</i> <i>Rachel Nethery</i>	Course ID: 119866 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (002) Research <i>No meeting time listed</i> <i>Paige Williams</i>	Course ID: 119866 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (002) Research <i>No meeting time listed</i> <i>Paige Williams</i>	Course ID: 119866 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (003) Research <i>No meeting time listed</i> <i>Rong Ma</i>	Course ID: 119866 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (003) Research <i>No meeting time listed</i> <i>Rong Ma</i>	Course ID: 119866 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (004) Research <i>No meeting time listed</i> <i>Briana Joy Stephenson</i>	Course ID: 119866 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (004) Research <i>No meeting time listed</i> <i>Briana Joy Stephenson</i>	Course ID: 119866 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (005) Research <i>No meeting time listed</i> <i>Rajarshi Mukherjee</i>	Course ID: 119866 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (005) Research <i>No meeting time listed</i> <i>Rajarshi Mukherjee</i>	Course ID: 119866 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (006) Research <i>No meeting time listed</i> <i>Michael Hughes</i>	Course ID: 119866 2025 Fall (4 Credits) <i>Instructor Permission Required</i>

BIOSTAT 350 (006) Research <i>No meeting time listed</i> Michael Hughes	Course ID: 119866 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (007) Research <i>No meeting time listed</i> John Quackenbush	Course ID: 119866 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (007) Research <i>No meeting time listed</i> John Quackenbush	Course ID: 119866 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (008) Research <i>No meeting time listed</i> Jeffrey Miller	Course ID: 119866 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (008) Research <i>No meeting time listed</i> Jeffrey Miller	Course ID: 119866 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (009) Research <i>No meeting time listed</i> Giovanni Parmigiani	Course ID: 119866 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (009) Research <i>No meeting time listed</i> Giovanni Parmigiani	Course ID: 119866 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (010) Research <i>No meeting time listed</i> JP Onnela	Course ID: 119866 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (010) Research <i>No meeting time listed</i> JP Onnela	Course ID: 119866 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (011) Research	Course ID: 119866 2025 Fall (4 Credits)

No meeting time listed
Junwei Lu

Instructor Permission Required

BIOSTAT 350 (011)

Research

No meeting time listed
Junwei Lu

Course ID: 119866
2026 Spring (4 Credits)

Instructor Permission Required

BIOSTAT 350 (012)

Research

No meeting time listed
Xihong Lin

Course ID: 119866
2025 Fall (4 Credits)

Instructor Permission Required

BIOSTAT 350 (012)

Research

No meeting time listed
Xihong Lin

Course ID: 119866
2026 Spring (4 Credits)

Instructor Permission Required

BIOSTAT 350 (013)

Research

No meeting time listed
Peter Kraft

Course ID: 119866
2025 Fall (4 Credits)

Instructor Permission Required

BIOSTAT 350 (013)

Research

No meeting time listed
Peter Kraft

Course ID: 119866
2026 Spring (4 Credits)

Instructor Permission Required

BIOSTAT 350 (014)

Research

No meeting time listed
Rafael A. Irizarry

Course ID: 119866
2025 Fall (4 Credits)

Instructor Permission Required

BIOSTAT 350 (014)

Research

No meeting time listed
Rafael A. Irizarry

Course ID: 119866
2026 Spring (4 Credits)

Instructor Permission Required

BIOSTAT 350 (015)

Research

No meeting time listed
Molin Wang

Course ID: 119866
2025 Fall (4 Credits)

Instructor Permission Required

BIOSTAT 350 (015)

Research

No meeting time listed
Molin Wang

Course ID: 119866
2026 Spring (4 Credits)

Instructor Permission Required

BIOSTAT 350 (016) Research <i>No meeting time listed</i> <i>Sebastien Haneuse</i>	Course ID: 119866 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (016) Research <i>No meeting time listed</i> <i>Sebastien Haneuse</i>	Course ID: 119866 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (017) Research <i>No meeting time listed</i> <i>Francesca Dominici</i>	Course ID: 119866 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (017) Research <i>No meeting time listed</i> <i>Francesca Dominici</i>	Course ID: 119866 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (018) Research <i>No meeting time listed</i> <i>Rui Duan</i>	Course ID: 119866 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (018) Research <i>No meeting time listed</i> <i>Rui Duan</i>	Course ID: 119866 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (019) Research <i>No meeting time listed</i> <i>Brent Coull</i>	Course ID: 119866 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (019) Research <i>No meeting time listed</i> <i>Brent Coull</i>	Course ID: 119866 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (020) Research <i>No meeting time listed</i> <i>Tianxi Cai</i>	Course ID: 119866 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (020) Research <i>No meeting time listed</i> <i>Tianxi Cai</i>	Course ID: 119866 2026 Spring (4 Credits) <i>Instructor Permission Required</i>

BIOSTAT 350 (021) Research <i>No meeting time listed</i> <i>Sean Eddy</i>	Course ID: 119866 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (021) Research <i>No meeting time listed</i> <i>Sean Eddy</i>	Course ID: 119866 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (022) Research <i>No meeting time listed</i> <i>Andrea Foulkes</i>	Course ID: 119866 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (022) Research <i>No meeting time listed</i> <i>Andrea Foulkes</i>	Course ID: 119866 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (023) Research <i>No meeting time listed</i> <i>Bethany Hedt-Gauthier (she/her)</i>	Course ID: 119866 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (023) Research <i>No meeting time listed</i> <i>Bethany Hedt-Gauthier (she/her)</i>	Course ID: 119866 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (024) Research <i>No meeting time listed</i> <i>Hajime Uno</i>	Course ID: 119866 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (024) Research <i>No meeting time listed</i> <i>Hajime Uno</i>	Course ID: 119866 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (025) Research <i>No meeting time listed</i> <i>Lorenzo Trippa</i>	Course ID: 119866 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BIOSTAT 350 (025) Research	Course ID: 119866 2026 Spring (4 Credits)

No meeting time listed
Lorenzo Trippa

Instructor Permission Required

BIOSTAT 350 (026)

Research

No meeting time listed
Martin Aryee

Course ID: 119866
2025 Fall (4 Credits)

Instructor Permission Required

BIOSTAT 350 (026)

Research

No meeting time listed
Martin Aryee

Course ID: 119866
2026 Spring (4 Credits)

Instructor Permission Required

BIOSTAT 350 (027)

Research

No meeting time listed
Jose Zubizarreta

Course ID: 119866
2025 Fall (4 Credits)

Instructor Permission Required

BIOSTAT 350 (027)

Research

No meeting time listed
Jose Zubizarreta

Course ID: 119866
2026 Spring (4 Credits)

Instructor Permission Required

BIOSTAT 350 (028)

Research

No meeting time listed
Rui Wang

Course ID: 119866
2025 Fall (4 Credits)

Instructor Permission Required

BIOSTAT 350 (028)

Research

No meeting time listed
Rui Wang

Course ID: 119866
2026 Spring (4 Credits)

Instructor Permission Required

BIOSTAT 350 (029)

Research

No meeting time listed
Judith Agudo

Course ID: 119866
2025 Fall (4 Credits)

Instructor Permission Required

BIOSTAT 350 (029)

Research

No meeting time listed
Judith Agudo

Course ID: 119866
2026 Spring (4 Credits)

Instructor Permission Required

BIOSTAT 350 (030)

Research

No meeting time listed
L. Wei

Course ID: 119866
2025 Fall (4 Credits)

Instructor Permission Required

BIOSTAT 350 (030)	Course ID: 119866
Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>L. Wei</i>	

BIOSTAT 350 (031)	Course ID: 119866
Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Nima Hejazi</i>	

BIOSTAT 350 (031)	Course ID: 119866
Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Nima Hejazi</i>	

BIOSTAT 350 (032)	Course ID: 119866
Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Kyu Ha Lee</i>	

BIOSTAT 350 (032)	Course ID: 119866
Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Kyu Ha Lee</i>	

BIOSTAT 350 (033)	Course ID: 119866
Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Tom Chen</i>	

BIOSTAT 350 (033)	Course ID: 119866
Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Tom Chen</i>	

Celtic Languages and Literatures

Celtic

CELTIC 91R	Course ID: 110646
Supervised Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Joseph Nagy</i>	

Instruction and direction of reading on topics not treated in regular courses of instruction.

FAS Divisional Distribution: Arts and Humanities

CELTIC 91R	Course ID: 110646
Supervised Reading and Research	2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Joseph Nagy

Instruction and direction of reading on topics not treated in regular courses of instruction.

FAS Divisional Distribution: Arts and Humanities

CELTIC 91R (002)

Course ID: 110646

Supervised Reading and Research

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Natasha Sumner

Instruction and direction of reading on topics not treated in regular courses of instruction.

FAS Divisional Distribution: Arts and Humanities

CELTIC 91R (002)

Course ID: 110646

Supervised Reading and Research

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Natasha Sumner

Instruction and direction of reading on topics not treated in regular courses of instruction.

FAS Divisional Distribution: Arts and Humanities

CELTIC 110

Course ID: 216050

The Origins of Arthur

2025 Fall (4 Credits)

TR 1030 AM - 1145 AM

We explore the British Celtic origins of the better-known medieval Arthur of English and French romance. We will be reading, in translation from Latin and Middle Welsh, the earliest surviving texts featuring the figure of Arthur as well as the retinue of the legendary figures, such as Guinevere and Merlin, who are popularly associated with him. We try and get behind the familiar cast of characters, as arguably first found in Geoffrey of Monmouth's History of the Kings of Britain, and trace how the more familiar later narratives developed. We also study the murky historical context lying behind the evolution of Arthur from Roman Britain to the era of the Norman Conquest and its aftermath.

Course Note: Taught by Prof. Paul Russell (Celtic Languages and Literatures Dept)

FAS Divisional Distribution: Arts and Humanities

CELTIC 137

Course ID: 111202

Celtic Mythology

2025 Fall (4 Credits)

MW 1200 PM - 0115 PM

Joseph Nagy

Medieval Irish and Welsh texts reflect underlying story patterns, characters, and motifs that are rooted in pre-Christian tradition and in some cases witnessed in the archaeological evidence and in the ethnographic writings of ancient Greek and Roman authors. We will examine these texts in translation and track the reconstruction of the "pagan past" undertaken by medieval Celtic writers, as well as the new mythologies they developed to suit the evolving ideological agenda of their world, from ca 600 to 1500 CE.

FAS Divisional Distribution: Arts and Humanities

CELTIC 188 (1)

Course ID: 125945

Scotland the Brave: Gaelic Song and Society

2025 Fall (4 Credits)

MW 1030 AM - 1145 AM

Natasha Sumner

Scotland the Brave: Gaelic Song and Society An exploration of Scottish Gaelic culture in a time of conflict and drastic change, this course examines authors' preoccupations and creative impulses in the songs of the sixteenth to nineteenth centuries. Among the most renowned compositions in the Gaelic language, these songs respond poignantly to the transformation of Gaelic society from the 'clan' period to the Jacobite Risings, the Highland Clearances, and the Land Wars. Critical issues we will consider include, but are not limited to, the role of the poet in society, tradition and innovation, orality, and intertextuality. No prior experience studying literature and no knowledge of Scottish Gaelic is necessary to succeed in this course. All texts will be read in English translation.

FAS Divisional Distribution: Arts and Humanities

CELTIC 222

The Manuscript Cultures of the Celtic-Speaking World

W 0130 PM - 0330 PM

Course ID: 127634
2026 Spring (4 Credits)

We shall explore the development of the different scripts used to write both in Latin and in the vernacular Celtic languages from the earliest surviving manuscripts through to ca 1700; the different format and layouts of the manuscript page in different contexts; and consider the broader narrative of the continuity but also the loss of manuscript culture in the face of the world of print.

Knowledge of at least one Celtic language and/or Latin is required. Students are encouraged to take Medieval Studies 202 Latin Paleography and Manuscript Culture

CELTIC 300

Reading and Research

No meeting time listed

Joseph Nagy

Course ID: 116504
2025 Fall (4 Credits)

Instructor Permission Required

CELTIC 300 (002)

Reading and Research

No meeting time listed

Natasha Sumner

Course ID: 116504
2025 Fall (4 Credits)

Instructor Permission Required

CELTIC 300 (002)

Reading and Research

No meeting time listed

Joseph Nagy

Course ID: 116504
2026 Spring (4 Credits)

Instructor Permission Required

CELTIC 300 (003)

Reading and Research

No meeting time listed

Course ID: 116504
2025 Fall (4 Credits)

Instructor Permission Required

CELTIC 300 (003)

Reading and Research

No meeting time listed

Natasha Sumner

Course ID: 116504
2026 Spring (4 Credits)

Instructor Permission Required

CELTIC 302 Teaching Modern Celtic Languages <i>No meeting time listed</i> <i>Joseph Nagy</i>	Course ID: 208303 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
CELTIC 302 Teaching Modern Celtic Languages <i>No meeting time listed</i> <i>Joseph Nagy</i>	Course ID: 208303 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
CELTIC 302 (002) Teaching Modern Celtic Languages <i>No meeting time listed</i> <i>Natasha Sumner</i>	Course ID: 208303 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
CELTIC 302 (002) Teaching Modern Celtic Languages <i>No meeting time listed</i> <i>Natasha Sumner</i>	Course ID: 208303 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
CELTIC 302 (003) Teaching Modern Celtic Languages <i>No meeting time listed</i>	Course ID: 208303 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
CELTIC 303 Teaching Celtic Literatures and Culture <i>No meeting time listed</i> <i>Joseph Nagy</i>	Course ID: 208307 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
CELTIC 303 Teaching Celtic Literatures and Culture <i>No meeting time listed</i> <i>Joseph Nagy</i>	Course ID: 208307 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
CELTIC 303 (002) Teaching Celtic Literatures and Culture <i>No meeting time listed</i> <i>Natasha Sumner</i>	Course ID: 208307 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
CELTIC 303 (002) Teaching Celtic Literatures and Culture <i>No meeting time listed</i> <i>Natasha Sumner</i>	Course ID: 208307 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
CELTIC 303 (003) Teaching Celtic Literatures and Culture <i>No meeting time listed</i>	Course ID: 208307 2025 Fall (4 Credits) <i>Instructor Permission Required</i>

CELTIC 304	Course ID: 208312
Teaching in Other Fields	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Joseph Nagy	

CELTIC 304	Course ID: 208312
Teaching in Other Fields	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Joseph Nagy	

CELTIC 304 (002)	Course ID: 208312
Teaching in Other Fields	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Natasha Sumner	

CELTIC 304 (002)	Course ID: 208312
Teaching in Other Fields	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Natasha Sumner	

CELTIC 305	Course ID: 113390
Preparation of Doctoral Dissertation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Joseph Nagy	

FAS Divisional Distribution: None

CELTIC 305	Course ID: 113390
Preparation of Doctoral Dissertation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Joseph Nagy	

FAS Divisional Distribution: None

CELTIC 305 (002)	Course ID: 113390
Preparation of Doctoral Dissertation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Natasha Sumner	

FAS Divisional Distribution: None

CELTIC 305 (002)	Course ID: 113390
Preparation of Doctoral Dissertation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>

FAS Divisional Distribution: None

CELTIC 305 (003)

Preparation of Doctoral Dissertation

No meeting time listed

Course ID: 113390
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

CELTIC 305 (003)

Preparation of Doctoral Dissertation

No meeting time listed

Course ID: 113390
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

CELTIC 340

Celtic Languages and Literatures Proseminar

M 0430 PM - 0630 PM

Natasha Sumner

Course ID: 217824
2026 Spring (4 Credits)

An introduction to Celtic studies and a review of the major critical approaches to the field.

Course Note: Required of candidates for the PhD in Celtic Languages and Literatures. Not open to undergraduates. Enrollment in this course is restricted to G1 and G2 members of the Department of Celtic Languages and Literatures.

FAS Divisional Distribution: None

CELTIC 350A

Teaching Colloquium

T 0500 PM - 0700 PM

Joseph Nagy, Natasha Sumner

Course ID: 207928
2025 Fall (2 Credits)

An introduction to the craft of teaching in Celtic languages and literatures and related subject areas. Required of G2 students in Celtic; open to all graduate students in the department.

Course Note: Meets bi-weekly. Celtic 350A prerequisite for Celtic 350B.

FAS Divisional Distribution: None

CELTIC 350B

Teaching Colloquium

T 0500 PM - 0700 PM

Joseph Nagy, Natasha Sumner

Course ID: 224656
2026 Spring (2 Credits)

Instructor Permission Required

An introduction to the craft of teaching in Celtic languages and literatures and related subject areas. Required of G2 students in Celtic; open to all graduate students in the department.

Course Note: Preceded by Teaching Colloquium, Celtic 350A. Meets bi-weekly.

FAS Divisional Distribution: None

Irish

IRISH 132

Course ID: 119128
2025 Fall (4 Credits)

Introduction to Modern Irish

MWRF 0900 AM - 1015 AM

Natasha Sumner, Dylan Cooper

Irish is the first official language of Ireland, and it has been officially recognized in Northern Ireland since 1998. Today Irish is spoken not only in the western 'Gaeltachtaí' (Irish-speaking regions), but also in cities like Dublin and Belfast. There is Irish-language television, film, radio, and print journalism, and many wonderful poets and fiction writers continue into the present a literary tradition that dates back to the sixth century. The course introduces students to Irish as it is spoken and written today. Class work is participatory, and includes conversational role play and games as well as grammar study and drills. Audio and audiovisual resources reinforce pronunciation and aural comprehension. Songs, proverbs, and poems are an integral part of the course, introducing students to the vibrant oral and literary tradition of Gaelic Ireland. Meets 4 times a week.

Course Note: The combination of Irish 132 and 133r satisfies the language requirement. It is recommended in any case that this course be followed by Irish 133r. May not be taken Pass/Fail. Not open to auditors. Meets four times a week for an hour.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Irish

IRISH 133R

Course ID: 119063
2026 Spring (4 Credits)

Intermediate Modern Irish

MTWR 0900 AM - 1015 AM

Natasha Sumner

A continuation of Irish 132, developing students' fluency in spoken and written Irish. As our knowledge of the language expands, we venture into storytelling, journal writing and writing and performing short skits. Internet, audio and video resources complement the study of grammar and select prose texts.

Course Note: This course, when taken following Irish 132, satisfies the language requirement. May not be taken Pass/Fail. Not open to auditors.

Irish 132 or permission of instructor.

Requires: Prerequisite: IRISH 132

FAS: Meets Foreign Lang Req: Irish

FAS Divisional Distribution: None

IRISH 160R

Course ID: 120282
2025 Fall (4 Credits)

Advanced Modern Irish

MW 0130 PM - 0245 PM

Natasha Sumner

Geared to the interests and aptitudes of the participants, this course enhances students' confidence in using Irish as a medium of oral and written communication and introduces them to the Gaelic literary tradition.

Irish 133r or permission of instructor.

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Irish

IRISH 200

Course ID: 123266
2025 Fall (4 Credits)

Introduction to Old Irish

MW 0430 PM - 0545 PM

Instructor Permission Required

Joseph Nagy

An introduction to the language of the eighth and ninth centuries, with elementary readings in prose texts.

Course Note: It is suggested that this course be followed by Irish 201r.

FAS: Meets Foreign Lang Req: Irish

FAS Divisional Distribution: None

IRISH 201R

Continuing Old Irish

MW 0430 PM - 0545 PM

Joseph Nagy

Further grammatical study, with continued reading of saga texts.

Course ID: 117752
2026 Spring (4 Credits)

Irish 200 or permission of the instructor.

FAS: Meets Foreign Lang Req: Irish

FAS Divisional Distribution: Arts and Humanities

Welsh

WELSH 226R

Readings in Middle Welsh Prose

TR 0130 PM - 0245 PM

Course ID: 111956
2025 Fall (4 Credits)

We begin with readings from a selection of Middle Welsh prose texts before moving on to an introduction to Middle Welsh verse, beginning with readings from the englyn poetry.

FAS: Meets Foreign Lang Req: Welsh

FAS Divisional Distribution: Arts and Humanities

WELSH 227

Welsh Bardic Poetry

TR 0130 PM - 0245 PM

Course ID: 111774
2026 Spring (4 Credits)

Readings from a range of Middle Welsh verse texts including poetry from the Book of Taliesin, the Book of Aneirin and the Gogynfeirdd.

Knowledge of Welsh or permission of the instructor.

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Welsh

Scottish Gaelic

SCTGALIC 130

Introduction to Scottish Gaelic

MTWR 1200 PM - 0115 PM

Natasha Sumner

Course ID: 111042
2025 Fall (4 Credits)

Scottish Gaelic is spoken primarily in communities of the West Highlands and the Hebrides—a group of islands off the west coast of Scotland. There is also a Gaelic community on Cape Breton Island in Nova Scotia. Gaelic language and culture thrive in poetry, fiction, traditional and contemporary music, oral tradition, and a very lively blogosphere. The course introduces students to Scottish Gaelic as it is spoken and written today. It surveys the grammar while also emphasizing practice in speaking the language. Class work is highly participatory; students are encouraged to take part in a range of communicative activities which enhance oral/aural ability. Translation exercises develop skills in the written language. A range of audio/audiovisual materials and online resources is used to support student learning. Meets four times a week.

Course Note: The combination of Scottish Gaelic 130 followed by Scottish Gaelic 131r satisfies the language requirement. It is recommended in any case that this course be followed by Scottish Gaelic 131r. May not be taken Pass/Fail. Not open to auditors. Meets 4 times/weekly.

FAS: Meets Foreign Lang Req: Scottish Gaelic

FAS Divisional Distribution: None

SCTGALIC 131R

Intermediate Scottish Gaelic

MTWR 1200 PM - 0115 PM

Natasha Sumner

Course ID: 113999
2026 Spring (4 Credits)

Direct continuation of the fall term course Scottish Gaelic 130.

Course Note: This course, when taken following Scottish Gaelic 130, satisfies the language requirement. May not be taken Pass/Fail. Not open to auditors.

Scottish Gaelic 130 or equivalent.

FAS: Meets Foreign Lang Req: Scottish Gaelic

FAS Divisional Distribution: None

Chemical and Physical Biology

Chemical and Physical Biology

CPB 91

Research for Credit in Chemical and Physical Biology

No meeting time listed

Dominic Mao, Monique Brewster

Course ID: 122591
2025 Fall (4 Credits)

Instructor Permission Required

91 is research for credit. It cannot be taken as a fifth course. To be eligible to enroll, you must have a Harvard-affiliated principal investigator agree to mentor you for the semester. For this reason, students must reach out to labs and interview with labs ahead of the start of the semester. Students are expected to work an average of 15 hours/week during term time. Please note, this course is only open to CPB concentrators.

Course Note: Limited to CPB concentrators. Students must have secured a position in a laboratory prior to enrolling in the course; the instructor will verify this with the faculty sponsor. Ordinarily may not be taken as a fifth course. Students must complete basic laboratory safety training and other safety training required by the host lab prior to starting work.

This course can be repeated with permission from the concentration advisors.

FAS Divisional Distribution: Science & Engineering & Applied Science

CPB 91R

Research for Credit in Chemical and Physical Biology

Course ID: 122591
2026 Spring (4 Credits)

No meeting time listed

Dominic Mao, Monique Brewster

91 is research for credit. It cannot be taken as a fifth course. To be eligible to enroll, you must have a Harvard-affiliated principal investigator agree to mentor you for the semester. For this reason, students must reach out to labs and interview with labs ahead of the start of the semester. Students are expected to work an average of 15 hours/week during term time. Please note, this course is only open to CPB concentrators.

Course Note: Limited to CPB concentrators. Students must have secured a position in a laboratory prior to enrolling in the course; the instructor will verify this with the faculty sponsor. Ordinarily may not be taken as a fifth course. Students must complete basic laboratory safety training and other safety training required by the host lab prior to starting work.

This course can be repeated with permission from the concentration advisors.

FAS Divisional Distribution: Science & Engineering & Applied Science

CPB 99A

Laboratory Research for Honors Thesis

Course ID: 122592
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Dominic Mao, Monique Brewster

Laboratory research in topics related to the CPB concentration, culminating in an undergraduate thesis submitted to the CPB undergraduate office for review by members of the Board of Tutors in Biochemical Sciences and the greater Boston research community. The course includes a series of workshops designed to help prepare students for the process of writing their thesis.

Course Note: Limited to students writing a thesis in CPB. Students are required to submit a written proposal to the CPB undergraduate office in the summer for review by the Board of Tutors in Biochemical Sciences for enrollment that fall. Only those students whose thesis proposals are approved are eligible to enroll. Ordinarily may not be taken as a fifth course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit. Students must complete basic laboratory safety training and other safety training required by the host lab prior to starting work.

FAS Divisional Distribution: None

Full Year Course: Indivisible Course

CPB 99B

Laboratory Research for Honors Thesis

Course ID: 159732
2025 Fall (4 Credits)

No meeting time listed

Dominic Mao, Monique Brewster

Laboratory research in topics related to the CPB concentration, culminating in an undergraduate thesis submitted to the CPB undergraduate office for review by members of the Board of Tutors in Biochemical Sciences and the greater Boston research community. The course includes a series of workshops designed to help prepare students for the process of writing their thesis.

Course Note: Limited to students writing a thesis in CPB. Students are required to submit a written proposal to the CPB undergraduate office in the summer for review by the Board of Tutors in Biochemical Sciences for enrollment that fall. Only those students whose thesis proposals are approved are eligible to enroll. Ordinarily may not be taken as a fifth course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit. Students must complete basic laboratory safety training and other safety training required by the host lab prior to starting work.

Requires: Pre-requisite: CPB 99A

Full Year Course: Indivisible Course

FAS Divisional Distribution: Science & Engineering & Applied Science

CPB 99B

Laboratory Research for Honors Thesis

Course ID: 159732
2026 Spring (4 Credits)

No meeting time listed

Dominic Mao, Monique Brewster

Laboratory research in topics related to the CPB concentration, culminating in an undergraduate thesis submitted to the CPB undergraduate office for review by members of the Board of Tutors in Biochemical Sciences and the greater Boston research community. The course includes a series of workshops designed to help prepare students for the process of writing their thesis.

Course Note: Limited to students writing a thesis in CPB. Students are required to submit a written proposal to the CPB undergraduate office in the summer for review by the Board of Tutors in Biochemical Sciences for enrollment that fall. Only those students whose thesis proposals are approved are eligible to enroll. Ordinarily may not be taken as a fifth course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit. Students must complete basic laboratory safety training and other safety training required by the host lab prior to starting work.

Requires: Pre-requisite: CPB 99A

Full Year Course: Indivisible Course

FAS Divisional Distribution: Science & Engineering & Applied Science

Chemical Biology

Chemical Biology

CHEMBIO 300HFA

Introduction to Chemical Biology Research

No meeting time listed

Philip Cole, Emily Balskus

Course ID: 126695
2025 Fall (2 Credits)

CHEMBIO 300HFB

Introduction to Chemical Biology Research

No meeting time listed

Daniel Kahne, Suzanne Walker

Course ID: 160580
2026 Spring (2 Credits)

CHEMBIO 350

Graduate Research

No meeting time listed

Daniel Kahne, Suzanne Walker

Course ID: 124362
2025 Fall (4 Credits)

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350

Graduate Research

No meeting time listed

Daniel Kahne, Suzanne Walker

Course ID: 124362
2026 Spring (4 Credits)

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (002)

Graduate Research

No meeting time listed

Emily Balskus

Course ID: 124362
2025 Fall (4 Credits)

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (002)

Graduate Research

No meeting time listed

Emily Balskus

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2026 Spring (4 Credits)

CHEMBIO 350 (003)

Graduate Research

No meeting time listed

Stephen Blacklow

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2025 Fall (4 Credits)

CHEMBIO 350 (003)

Graduate Research

No meeting time listed

Stephen Blacklow

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2026 Spring (4 Credits)

CHEMBIO 350 (004)

Graduate Research

No meeting time listed

Philip Cole

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2025 Fall (4 Credits)

CHEMBIO 350 (004)

Graduate Research

No meeting time listed

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2026 Spring (4 Credits)

CHEMBIO 350 (005)

Graduate Research

No meeting time listed

Sara Buhrlage

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362

2025 Fall (4 Credits)

CHEMBIO 350 (005)

Graduate Research

No meeting time listed

Sara Buhrlage

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362

2026 Spring (4 Credits)

CHEMBIO 350 (006)

Graduate Research

No meeting time listed

Vijay Sankaran

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362

2025 Fall (4 Credits)

CHEMBIO 350 (006)

Graduate Research

No meeting time listed

Stirling Churchman

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362

2026 Spring (4 Credits)

CHEMBIO 350 (007)

Graduate Research

No meeting time listed

Adam Cohen

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362

2025 Fall (4 Credits)

CHEMBIO 350 (007)

Graduate Research

Course ID: 124362

2026 Spring (4 Credits)

No meeting time listed

Adam Cohen

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (008)

Graduate Research

No meeting time listed

Vladimir Denic

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2025 Fall (4 Credits)

CHEMBIO 350 (008)

Graduate Research

No meeting time listed

Vladimir Denic

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2026 Spring (4 Credits)

CHEMBIO 350 (009)

Graduate Research

No meeting time listed

George Church

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2025 Fall (4 Credits)

CHEMBIO 350 (009)

Graduate Research

No meeting time listed

Stephen Elledge

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2026 Spring (4 Credits)

CHEMBIO 350 (010)

Graduate Research

No meeting time listed

Rachelle Gaudet

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Course ID: 124362
2025 Fall (4 Credits)

FAS Divisional Distribution: None

CHEMBIO 350 (010)

Graduate Research

No meeting time listed

Rachelle Gaudet

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2026 Spring (4 Credits)

CHEMBIO 350 (011)

Graduate Research

No meeting time listed

Brian Liao

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2025 Fall (4 Credits)

CHEMBIO 350 (011)

Graduate Research

No meeting time listed

Vadim Gladyshev

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2026 Spring (4 Credits)

CHEMBIO 350 (012)

Graduate Research

No meeting time listed

Nicholas Polizzi

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2025 Fall (4 Credits)

CHEMBIO 350 (012)

Graduate Research

No meeting time listed

Nathanael Gray

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2026 Spring (4 Credits)

CHEMBIO 350 (013)

Course ID: 124362
2025 Fall (4 Credits)

Graduate Research

No meeting time listed

Stephen Haggarty

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (013)

Course ID: 124362
2026 Spring (4 Credits)

Graduate Research

No meeting time listed

Stephen Haggarty

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (014)

Course ID: 124362
2025 Fall (4 Credits)

Graduate Research

No meeting time listed

Marcia Haigis

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (014)

Course ID: 124362
2026 Spring (4 Credits)

Graduate Research

No meeting time listed

Robert Kingston

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (015)

Course ID: 124362
2025 Fall (4 Credits)

Graduate Research

No meeting time listed

Deborah Hung

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (015)

Course ID: 124362
2026 Spring (4 Credits)

Graduate Research

No meeting time listed

Deborah Hung

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (016)

Course ID: 124362
2025 Fall (4 Credits)

Graduate Research

No meeting time listed

Richard Liu

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (016)

Course ID: 124362
2026 Spring (4 Credits)

Graduate Research

No meeting time listed

Brian Liao

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (017)

Course ID: 124362
2025 Fall (4 Credits)

Graduate Research

No meeting time listed

Cigall Kadoch

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (017)

Course ID: 124362
2026 Spring (4 Credits)

Graduate Research

No meeting time listed

Cigall Kadoch

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (018)

Course ID: 124362
2025 Fall (4 Credits)

Graduate Research

No meeting time listed

Randall King

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (018)

Graduate Research

No meeting time listed

Randall King

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2026 Spring (4 Credits)

CHEMBIO 350 (019)

Graduate Research

No meeting time listed

Andrew Kruse

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2025 Fall (4 Credits)

CHEMBIO 350 (019)

Graduate Research

No meeting time listed

Andrew Kruse

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2026 Spring (4 Credits)

CHEMBIO 350 (020)

Graduate Research

No meeting time listed

Seth Rakoff-Nahoum

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2025 Fall (4 Credits)

CHEMBIO 350 (020)

Graduate Research

No meeting time listed

Amy Wagers

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2026 Spring (4 Credits)

CHEMBIO 350 (021)

Graduate Research

Course ID: 124362
2025 Fall (4 Credits)

No meeting time listed

David Liu

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (021)

Graduate Research

No meeting time listed

David Liu

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2026 Spring (4 Credits)

CHEMBIO 350 (022)

Graduate Research

No meeting time listed

Tom Bernhardt

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2025 Fall (4 Credits)

CHEMBIO 350 (022)

Graduate Research

No meeting time listed

Ralph Mazitschek

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2026 Spring (4 Credits)

CHEMBIO 350 (023)

Graduate Research

No meeting time listed

Stuart Schreiber

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2025 Fall (4 Credits)

CHEMBIO 350 (023)

Graduate Research

No meeting time listed

Stuart Schreiber

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Course ID: 124362
2026 Spring (4 Credits)

FAS Divisional Distribution: None

CHEMBIO 350 (024)

Graduate Research

No meeting time listed

Aaron Schmidt

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Course ID: 124362
2025 Fall (4 Credits)

FAS Divisional Distribution: None

CHEMBIO 350 (024)

Graduate Research

No meeting time listed

Philip Cole

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Course ID: 124362
2026 Spring (4 Credits)

FAS Divisional Distribution: None

CHEMBIO 350 (025)

Graduate Research

No meeting time listed

Pamela Silver

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Course ID: 124362
2025 Fall (4 Credits)

FAS Divisional Distribution: None

CHEMBIO 350 (025)

Graduate Research

No meeting time listed

Pamela Silver

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Course ID: 124362
2026 Spring (4 Credits)

FAS Divisional Distribution: None

CHEMBIO 350 (026)

Graduate Research

No meeting time listed

Peter Sorger

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Course ID: 124362
2025 Fall (4 Credits)

FAS Divisional Distribution: None

CHEMBIO 350 (026)

Graduate Research

No meeting time listed

Peter Sorger

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2026 Spring (4 Credits)

CHEMBIO 350 (027)

Graduate Research

No meeting time listed

Loren Walensky

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2025 Fall (4 Credits)

CHEMBIO 350 (027)

Graduate Research

No meeting time listed

Loren Walensky

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2026 Spring (4 Credits)

CHEMBIO 350 (028)

Graduate Research

No meeting time listed

Timothy Mitchison

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2025 Fall (4 Credits)

CHEMBIO 350 (028)

Graduate Research

No meeting time listed

Timothy Mitchison

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2026 Spring (4 Credits)

CHEMBIO 350 (029)

Graduate Research

No meeting time listed

Nathalie Agar

Course ID: 124362
2025 Fall (4 Credits)

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (029)

Course ID: 124362
2026 Spring (4 Credits)

Graduate Research

No meeting time listed

Nathalie Agar

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (030)

Course ID: 124362
2025 Fall (4 Credits)

Graduate Research

No meeting time listed

Alan Brown

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (030)

Course ID: 124362
2026 Spring (4 Credits)

Graduate Research

No meeting time listed

Seth Rakoff-Nahoum

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (031)

Course ID: 124362
2025 Fall (4 Credits)

Graduate Research

No meeting time listed

Amy Wagers

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (031)

Course ID: 124362
2026 Spring (4 Credits)

Graduate Research

No meeting time listed

Sloan Devlin

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (032)

Course ID: 124362
2025 Fall (4 Credits)

Graduate Research

No meeting time listed

Eric Fischer

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (032)

Course ID: 124362
2026 Spring (4 Credits)

Graduate Research

No meeting time listed

David Walt

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (033)

Course ID: 124362
2025 Fall (4 Credits)

Graduate Research

No meeting time listed

Gad Getz

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (033)

Course ID: 124362
2026 Spring (4 Credits)

Graduate Research

No meeting time listed

Amit Choudhary

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (034)

Course ID: 124362
2025 Fall (4 Credits)

Graduate Research

No meeting time listed

Raul Mostoslavsky

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (034)

Course ID: 124362
2026 Spring (4 Credits)

Graduate Research

No meeting time listed

Alan Brown

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (035)

Graduate Research

No meeting time listed

Smita Gopinath

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2025 Fall (4 Credits)

CHEMBIO 350 (035)

Graduate Research

No meeting time listed

Manoj Duraisingh

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2026 Spring (4 Credits)

CHEMBIO 350 (036)

Graduate Research

No meeting time listed

Sloan Devlin

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2025 Fall (4 Credits)

CHEMBIO 350 (036)

Graduate Research

No meeting time listed

George Church

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2026 Spring (4 Credits)

CHEMBIO 350 (037)

Graduate Research

No meeting time listed

Robert Kingston

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Course ID: 124362
2025 Fall (4 Credits)

FAS Divisional Distribution: None

CHEMBIO 350 (038)

Graduate Research

No meeting time listed

Seth Rakoff-Nahoum

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Course ID: 124362
2025 Fall (4 Credits)

FAS Divisional Distribution: None

CHEMBIO 350 (039)

Graduate Research

No meeting time listed

Christina Woo

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Course ID: 124362
2025 Fall (4 Credits)

FAS Divisional Distribution: None

CHEMBIO 350 (039)

Graduate Research

No meeting time listed

Aaron Schmidt

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Course ID: 124362
2026 Spring (4 Credits)

FAS Divisional Distribution: None

CHEMBIO 350 (040)

Graduate Research

No meeting time listed

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Course ID: 124362
2025 Fall (4 Credits)

FAS Divisional Distribution: None

CHEMBIO 350 (041)

Graduate Research

No meeting time listed

Rameen Beroukhim

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

Course ID: 124362
2025 Fall (4 Credits)

FAS Divisional Distribution: None

CHEMBIO 350 (042)

Course ID: 124362
2025 Fall (4 Credits)

Graduate Research

No meeting time listed

Xin Zhou

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (043)

Course ID: 124362
2025 Fall (4 Credits)

Graduate Research

No meeting time listed

Ryan Flynn

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (044)

Course ID: 124362
2025 Fall (4 Credits)

Graduate Research

No meeting time listed

Stirling Churchman

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (045)

Course ID: 124362
2025 Fall (4 Credits)

Graduate Research

No meeting time listed

Melissa Leger-Abraham

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (37)

Course ID: 124362
2026 Spring (4 Credits)

Graduate Research

No meeting time listed

Vijay Sankaran

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (38)

Course ID: 124362
2026 Spring (4 Credits)

Graduate Research

No meeting time listed

Richard Liu

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

CHEMBIO 350 (40)

Graduate Research

No meeting time listed

Smita Gopinath

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2026 Spring (4 Credits)

CHEMBIO 350 (41)

Graduate Research

No meeting time listed

Raul Mostoslavsky

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2026 Spring (4 Credits)

CHEMBIO 350 (42)

Graduate Research

No meeting time listed

Christina Woo

Upper level Chemical Biology students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

Course ID: 124362
2026 Spring (4 Credits)

CHEMBIO 399

Laboratory Research

No meeting time listed

Emily Balskus

Course ID: 121170
2025 Fall (4 Credits)
Instructor Permission Required

CHEMBIO 399

Laboratory Research

No meeting time listed

Daniel Kahne

Course ID: 121170
2026 Spring (4 Credits)
Instructor Permission Required

CHEMBIO 2200

Tools and Methods in Chemical Biology

No meeting time listed

Randall King, Melissa Leger-Abraham

This course will provide a survey of major topics, technologies, and themes in Chemical Biology, with hands-on exposure to a variety of experimental approaches.

Course ID: 124812
2026 Spring (4 Credits)
Instructor Permission Required

Chemistry and Chemical Biology

Chemistry

CHEM 10 (LEC)

Quantum, Statistical, and Computational Foundations of Chemistry

MWF 1030 AM - 1145 AM

Hongkun Park, Lu Wang

Course ID: 222540

2025 Fall (4 Credits)

Instructor Permission Required

An introduction to the fundamental theories of quantum mechanics and statistical mechanics and their role in governing the behavior of matter. The course begins with the quantum behavior of a single electron and develops the elements of the periodic table, the nature of the chemical bond, the bulk electronic and thermal properties of materials, and the thermodynamics of chemical reactions. Applications include semiconductor electronics, solar energy conversion, medical imaging, and the stability and dynamism of living systems. Calculus and numerical simulations will be used extensively. In the weekly laboratory sections and the final project, students construct technical instruments that they then use in directed and open-ended explorations of the core concepts of the course.

Course Note: The general chemistry requirement for the Chemistry concentration can be met by: one course CHEM 10; or two courses, one being LPS A or LS 1A, and the other being PHYSCI 10 or PHYSCI 11; or satisfactory placement out of the requirement. Students may not count both CHEM 10 and PHYSCI 11 for degree credit. Students may not count both CHEM 10 and PHYSCI 10 for degree credit. CHEM 10 satisfies two semesters of general chemistry with lab for most medical schools; other courses, such as LPSA, LS1a, LS50a, or PS11, count as one semester of general chemistry with lab. Please refer to "Premedical Information for Harvard Students: Timelines, Courses, & Resources" (aka "the Blue Premed Guide") for an overview of courses that meet the academic requirements and application timelines for admission to U.S. medical school, and email premed@fas.harvard.edu with any questions. Enrollment is limited to 30 students. Please see the course Canvas for the petition form and petition process.

A strong background in chemistry (Chemistry AP score of 5, or equivalent preparation), mathematics at the level of Mathematics 1b (may be taken concurrently; some ideas from linear algebra will be introduced in class), and some familiarity with physics (force, energy, work, and electric charge). No coding experience is required. You will learn how to code throughout the course.

FAS Divisional Distribution: Science & Engineering & Applied Science

CHEM 17 (LEC)

Principles of Organic Chemistry

MWF 0130 PM - 0245 PM

Christina Woo, Sirinya Matchacheep

Course ID: 115137

2025 Fall (4 Credits)

An introduction to organic chemistry, with an emphasis on structure and bonding, reaction mechanisms, and chemical reactivity.

Course Note: The Chemistry 17/27 sequence is intended primarily for students in chemistry or the life sciences, who have completed LPSA, LS1a, CHEM 10 or PS11. The Chemistry 20/30 sequence is intended primarily for students planning a concentration in chemistry or the physical sciences. Either sequence satisfies the organic chemistry requirement for medical school. Students may not count both Chemistry 17 and Chemistry 20 for degree credit. On the other hand, Chemistry 27 and Chemistry 30 cover different material, so students interested in taking both courses may choose to do so via one of two sequences: Chemistry 17-27-30 or Chemistry 20-30-27. Chemistry 27 satisfies the biochemistry chemistry requirement for most medical schools.

Students who have taken Chem S-17 have the option to be exempted from the lab component of Chem 17. If students choose to be lab exempt, exams will make up a greater percentage of their final grade. The course syllabus describes the grading scheme in greater detail.

Open to freshmen with a score of 750 or higher in the College Boards or the Chemistry Placement Examination; and to students who scored 5 on the Chemistry Advanced Placement Examination; and to the students who achieved a grade of B or higher in LPSA, LS1a, CHEM 10, PS11, or another college-level introductory chemistry course. Others may enter only by permission of the instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

Organic Chemistry

MWF 0900 AM - 1015 AM

Richard Liu

An introduction to structure and bonding in organic molecules; mechanisms of organic reactions; chemical transformations of the functional groups of organic chemistry; synthesis; determination of chemical structures by infrared and NMR spectroscopy.

Course Note: Chemistry 20/30 is an integrated two-semester sequence that prepares students to study chemistry and other physical sciences, whereas the Chemistry 17/27 sequence focuses on application of organic chemistry concepts to the life sciences. Either sequence satisfies the organic chemistry requirement for medical school and the chemistry concentration. The content of Chemistry 17 is accelerated and overlaps with topics from both Chemistry 20 and 30. Students may not count both Chemistry 17 and 20 toward the degree. However, Chemistry 27 and Chemistry 20/30 cover different material, so students may choose to take Chemistry 27 after completing the 20/30 sequence.

Open to students who scored 4 or 5 on the Chemistry Advanced Placement Examination, or who successfully completed Life Sciences 1A or Life and Physical Sciences A. Others should contact the instructor to discuss their preparation.

FAS Divisional Distribution: Science & Engineering & Applied Science

Organic Chemistry of Life

MWF 1200 PM - 0115 PM

Brian Liau, Sirinya Matchacheep

Chemical principles that govern the processes driving living systems are illustrated with examples drawn from biochemistry, cell biology, and medicine. The course deals with organic chemical reactivity (reaction mechanisms, structure-reactivity relationships), with topics specifically relevant to the life sciences (chemistry of enzymes, nucleic acids, drugs, natural products, cofactors), and with applications of chemical biology to medicine and biotechnology. An understanding of organic reactions and their "arrow-pushing" mechanisms is required.

Course Note: Students who completed Chem S-17 in Summer 2023 or before have the option to be exempted from the lab component of Chem 27. Similarly, students who have completed both Chem 20 and Chem 30 may be exempted. If students choose to be lab exempt, exams will make up a greater percentage of their final grade. The course syllabus describes the grading scheme in greater detail.

Chemistry 17 or Chemistry 30 or Chemistry 20 with permission of the instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

Organic Chemistry

TR 1030 AM - 1145 AM

Andrew Myers

Continuation of Chemistry 20 with a greater focus on complex chemical reactivity and challenging problem solving. Carbonyl chemistry and pericyclic reactions are covered in particular detail, using principles of stereochemistry, stereoelectronic theory, and molecular orbital theory as a foundation. Students develop skills in planning organic chemical syntheses and are given an introduction to organometallic chemistry.

Course Note: The course features a problem solving and review session led by Prof. Myers, with a focus on challenging, collaborative problem solving using the week's lecture material. Students are expected to attend both lectures and the review session during the week (Lectures: Tuesday and Thursday, 10:30AM-11:45AM; Problem Session: Friday, Time TBD). In a typical week, there will be one problem set and two lecture integration problems. In addition to problem sets and laboratory work, the course will be assessed over three midterm examinations (1 hour each) and one final examination (3 hours). Office hours and help rooms will be available throughout the week.

Recommended Prep: Chemistry 20 or the equivalent. Chemistry 27 and 30 may both be taken for degree credit. Students who have taken Chemistry 17 are welcome to take the course but should contact the teaching staff to discuss preparations at the start of the semester. Freshmen have taken Chem 30 and excelled at it, but it is recommended that any freshmen considering the course first contact the teaching staff to discuss their background preparation.

CHEM 40 (LEC)**Inorganic Chemistry**

MW 1030 AM - 1145 AM

*Theodore Betley*Course ID: 123126
2026 Spring (4 Credits)

Students will be introduced to the basic concepts of inorganic chemistry. Principles of chemical bonding and molecular structure will be developed on the basis of electronic structure, symmetry, and group theory. These concepts will be applied toward understanding coordination chemistry and organometallic chemistry.

Chemistry 17 or 20

FAS Divisional Distribution: Science & Engineering & Applied Science

CHEM 91R (TUT)**Introduction to Research***No meeting time listed**Gregory C. Tucci, Lu Wang*Course ID: 113865
2025 Fall (4 Credits)*Instructor Permission Required*

Reading and laboratory work related to one of the research projects under way in the department. Open to a limited number of chemistry concentrators who are accepted as research students. To be eligible to enroll, you must have a Harvard-affiliated principal investigator agree to mentor you for the semester. For this reason, students must reach out to labs ahead of the start of the semester. Before registering for the course, please obtain written permission of the professor to do research for credit in their lab by emailing them copying Dr. Gregg Tucci (tucci@fas.harvard.edu) and Dr. Lu Wang (wang29@fas.harvard.edu). At the time when you petition to join the course on My.Harvard, please write again in the comment the professor's name. Must be taken Sat/Unsat. Students must complete basic laboratory safety training and other safety training required by the host lab prior to starting work.

Course Note: Students must complete basic laboratory safety training and other safety training required by the host lab prior to starting work.

FAS Divisional Distribution: Science & Engineering & Applied Science

CHEM 91R (TUT)**Introduction to Research***No meeting time listed**Gregory C. Tucci, Lu Wang*Course ID: 113865
2026 Spring (4 Credits)*Instructor Permission Required*

Reading and laboratory work related to one of the research projects under way in the department. Open to a limited number of chemistry concentrators who are accepted as research students. To be eligible to enroll, you must have a Harvard-affiliated principal investigator agree to mentor you for the semester. For this reason, students must reach out to labs ahead of the start of the semester. Before registering for the course, please obtain written permission of the professor to do research for credit in their lab by emailing them copying Dr. Gregg Tucci (tucci@fas.harvard.edu) and Dr. Lu Wang (wang29@fas.harvard.edu). At the time when you petition to join the course on My.Harvard, please write again in the comment the professor's name. Must be taken Sat/Unsat. Students must complete basic laboratory safety training and other safety training required by the host lab prior to starting work.

Course Note: Students must complete basic laboratory safety training and other safety training required by the host lab prior to starting work.

FAS Divisional Distribution: Science & Engineering & Applied Science

CHEM 98R (TUT)**Introduction to Research - Junior Year***No meeting time listed**Gregory C. Tucci, Lu Wang*Course ID: 112494
2025 Fall (4 Credits)*Instructor Permission Required*

Research under the direction of, or approved by, a member of the faculty of the Department of Chemistry. This is a junior tutorial. Open to a limited number of chemistry concentrators who are accepted as research students. To

be eligible to enroll, you must have a Harvard-affiliated principal investigator agree to mentor you for the semester. For this reason, students must reach out to labs ahead of the start of the semester. Before registering for the course, please obtain written permission of the professor to do research for credit in their lab by emailing them copying Dr. Gregg Tucci (tucci@fas.harvard.edu) and Dr. Lu Wang (wang29@fas.harvard.edu). At the time when you petition to join the course on My.Harvard, please write again in the comment the professor's name. Must be taken Sat/Unsat.

Course Note: Students must complete basic laboratory safety training and other safety training required by the host lab prior to starting work.

FAS Divisional Distribution: Science & Engineering & Applied Science

CHEM 98R (TUT)

Course ID: 112494

Introduction to Research - Junior Year

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Gregory C. Tucci, Lu Wang

Research under the direction of, or approved by, a member of the faculty of the Department of Chemistry. This is a junior tutorial. Open to a limited number of chemistry concentrators who are accepted as research students. To be eligible to enroll, you must have a Harvard-affiliated principal investigator agree to mentor you for the semester. For this reason, students must reach out to labs ahead of the start of the semester. Before registering for the course, please obtain written permission of the professor to do research for credit in their lab by emailing them copying Dr. Gregg Tucci (tucci@fas.harvard.edu) and Dr. Lu Wang (wang29@fas.harvard.edu). At the time when you petition to join the course on My.Harvard, please write again in the comment the professor's name. Must be taken Sat/Unsat.

Course Note: Students must complete basic laboratory safety training and other safety training required by the host lab prior to starting work.

FAS Divisional Distribution: Science & Engineering & Applied Science

CHEM 99R (TUT)

Course ID: 113976

Tutorial - Senior Year

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Gregory C. Tucci, Lu Wang

Research under the direction of, or approved by, a member of the faculty of the Department of Chemistry. Open to a limited number of chemistry concentrators who are accepted as research students. To be eligible to enroll, you must have a Harvard-affiliated principal investigator agree to mentor you for the semester. For this reason, students must reach out to labs ahead of the start of the semester. Before registering for the course, please obtain written permission of the professor to do research for credit in their lab by emailing them copying Dr. Gregg Tucci (tucci@fas.harvard.edu) and Dr. Lu Wang (wang29@fas.harvard.edu). At the time when you petition to join the course on My.Harvard, please write again in the comment the professor's name. Must be taken Sat/Unsat.

Course Note: Students must complete basic laboratory safety training and other safety training required by the host lab prior to starting work.

FAS Divisional Distribution: Science & Engineering & Applied Science

CHEM 99R (TUT)

Course ID: 113976

Tutorial - Senior Year

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Gregory C. Tucci, Lu Wang

Research under the direction of, or approved by, a member of the faculty of the Department of Chemistry. Open to a limited number of chemistry concentrators who are accepted as research students. To be eligible to enroll, you must have a Harvard-affiliated principal investigator agree to mentor you for the semester. For this reason, students must reach out to labs ahead of the start of the semester. Before registering for the course, please obtain written permission of the professor to do research for credit in their lab by emailing them copying Dr. Gregg Tucci (tucci@fas.harvard.edu) and Dr. Lu Wang (wang29@fas.harvard.edu). At the time when you petition to join the course on My.Harvard, please write again in the comment the professor's name. Must be taken Sat/Unsat.

Course Note: Students must complete basic laboratory safety training and other safety training required by the host lab prior to starting work.

CHEM 100R (LAB)

Experimental Chemistry and Chemical Biology

No meeting time listed

Course ID: 123022
2026 Spring (4 Credits)

Instructor Permission Required

A project-based course, where groups of 2–4 students engage in synthetic organic chemistry research. Students are introduced to experimental problems encountered in the synthesis, isolation, purification, characterization, and identification of potentially therapeutic organic compounds. Throughout the research process, students gain technical proficiency and develop an understanding of both the theory and practice of organic synthesis, and spectroscopy. Students complete problem sets in spectroscopy and use electronic notebooks to keep track of their research findings, which they present in group meetings and write up for publication. Students learn to communicate technically with other scientists and peers.

Course Note: Recommended as preparation for research in synthetic organic chemistry (Chemistry 98R and 99R), or related disciplines. This course is suitable for students with or without extensive laboratory experience.

Chem 20/30, 17/27, or S-20ab; and permission of the instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

CHEM 105 (LEC)

Advanced Organic Chemistry

TR 0130 PM - 0245 PM

Eric Jacobsen

Course ID: 109454
2025 Fall (4 Credits)

Advanced reactivity principles in organic chemistry. Students learn 1) fundamentals of structure, bonding, and reaction energetics; 2) to identify and propose mechanisms for common organic, organometallic, and catalytic reactions, along with experiments to test those mechanisms; 3) to evaluate the factors controlling rate and selectivity in organic reactions; 4) to understand and analyze the current organic chemistry literature. The overarching goal of this course is to provide students with a solid foundation for a research career in organic chemistry and adjacent fields (chemical biology, inorganic chemistry).

This course requires students to choose timed sections during registration. Sections will begin 30 minutes after the start time shown in my.Harvard, and will be 30 minutes in duration (9:30-10:00 AM and 12:30-1:00 PM).

Two semesters of college-level organic chemistry. At least one prior or concurrent course in physical and/or inorganic chemistry is recommended.

FAS Divisional Distribution: Science & Engineering & Applied Science

CHEM 110 (LEC)

The Chemistry and Biology of Therapeutics

MW 1030 AM - 1145 AM

Matthew Shair

Course ID: 110241
2025 Fall (4 Credits)

This course will cover the chemical and biological principles that govern small molecule therapeutics. We will discuss small molecule conformational analysis, chemical forces that drive small molecule-protein interactions, and small molecule binding to proteins to affect disease states. We will also discuss how protein targets are identified and the frontiers of modern small molecule therapeutics. Protein targets include, but are not limited to kinases, proteases, GTPases, scaffolding proteins, epigenetic modifiers, metabolic enzymes and transcription factors. This course will teach students how to use modern computer modeling applications to perform structure-based design of small molecule ligands.

Course Note: Course Requirements: Completion of Chem 27, Chem 30, or prior instructor approval.

FAS Divisional Distribution: Science & Engineering & Applied Science

CHEM 135 (LAB)

Experimental Synthetic Organic Chemistry

No meeting time listed

Course ID: 112954
2026 Spring (4 Credits)

Instructor Permission Required

Students are introduced to the synthesis, isolation, purification, characterization, and identification of organic compounds. Throughout the process students gain technical proficiency and develop an understanding of both the theory and practice of organic synthesis and spectroscopy. Students complete problem sets in spectroscopy and use electronic notebooks to keep track of their reactions.

Course Note: Recommended as preparation for research in synthetic organic or bioanalytical chemistry (Chemistry 98R and 99R), or related disciplines. This course is suitable for students with or without extensive laboratory experience.

Chem 20/30, 17/27, or S-20ab; and permission of the instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

CHEM 145 (LAB)

Experimental Inorganic Chemistry

TR 1200 PM - 0500 PM

Dilek Dogutan Kiper

Course ID: 109110
2025 Fall (4 Credits)

Instructor Permission Required

Chemistry 145 is a laboratory course designed to introduce students to inorganic laboratory synthesis, purification, and characterization techniques. Students will learn proper and safe techniques for handling and storing air, light, water-sensitive compounds, including the use of an inert-atmosphere glovebox and a Schlenk line. Synthesized compounds will be analyzed by various methods including infrared (IR), Electron Paramagnetic Resonance (EPR), paramagnetic and Nuclear Magnetic Resonance (NMR), and electronic absorption spectroscopies; and electrochemical techniques. Emphasis will be placed on rigorous adherence to the scientific method in the form of neat, comprehensive, clear entries in electronic laboratory notebooks hosted at Harvard Wiki including characterization data. Students will also develop the ability to read, understand, interpret, and explain the primary scientific literature, write research papers as manuscripts, and learn how to use different search engines, such as SciFinder, Web of Science.

Course Note: Class meeting times Tuesday & Thursday 12:00 pm-5:00 pm in Northwest 158

FAS Divisional Distribution: Science & Engineering & Applied Science

CHEM 154 (1)

Advanced Inorganic Chemistry

MW 0900 AM - 1015 AM

Daniel Nocera

Course ID: 126035
2026 Spring (4 Credits)

Instructor Permission Required

The physical inorganic chemistry of transition elements will be discussed. The course will emphasize group theoretical methods of analysis and attendant spectroscopic methods (e.g., electronic, vibrational, EPR, magnetic) derived therefrom. Connections between molecular structure and electronic structure and how that parlay into the properties of complexes and their reactivity will be illustrated throughout various modules, which will touch on advanced problems of interest in the subjects of catalytic, organometallic, coordination, solid state and bioinorganic chemistries.

FAS Divisional Distribution: Science & Engineering & Applied Science

CHEM 156 (LEC)

Materials Chemistry

MW 1030 AM - 1145 AM

Jarad Mason

Course ID: 207680
2025 Fall (4 Credits)

Instructor Permission Required

This course will survey topics in materials chemistry, emphasizing how atomic-level interactions dictate the bulk properties of matter. Basic chemical principles will be applied to discuss the design, synthesis, and characterization of inorganic and organic materials. Specific topics will include: electronic, optical, and magnetic properties of inorganic solids; synthesis and characterization of nanomaterials; microporous solids; gas sorption; and biomaterials. The primary literature will be used to highlight key historical discoveries and significant recent results relevant to each of these areas. Each student will also develop an independent research proposal on a more specialized topic.

Enrollment is limited and by petition only.

Chem 40 (or instructor approval)

CHEM 160 (LEC)**The Quantum World**

MWF 1200 PM - 0115 PM

Joonho Lee

Course ID: 112976

2025 Fall (4 Credits)

Quantum mechanics is the fundamental principle of the microscopic world. Quantum mechanics allows us to understand the motion of electrons, atoms and molecules. Only with such understanding, we can rationally design and engineer quantum materials, in order to realize quantum technologies such as quantum information, quantum sensing, and quantum computation. In this class, you will learn the fundamental postulates of quantum mechanics and their implications for the structure and behavior of atoms and molecules. In particular, we will explore the mathematical framework behind molecular bonding, vibration, and rotation. We will also discuss how to probe the properties of atoms and molecules using tunable electromagnetic radiation, more commonly known as light!

Mathematics 21a or 21b, or equivalent preparation in calculus and differential equations; Physical Sciences 11 or equivalent preparation in chemical bonding and fundamental principles; two introductory physics courses (e.g., Physical Sciences 2 and Physical Sciences 3).

FAS Divisional Distribution: Science & Engineering & Applied Science

CHEM 161 (LEC)**Statistical Thermodynamics**

MW 1200 PM - 0115 PM

Xiaowei Zhuang

Course ID: 113217

2026 Spring (4 Credits)

An introduction to statistical mechanics, thermodynamics, and chemical kinetics with applications to problems in chemistry and biology.

Chemistry 160 or Physics 143a, or equivalent. Math 21a, or equivalent.

FAS Divisional Distribution: Science & Engineering & Applied Science

CHEM 165 (LAB)**Experimental Physical Chemistry**

No meeting time listed

Khaled Abdelazim

Course ID: 119035

2026 Spring (4 Credits)

Instructor Permission Required

The goal of this course is to provide students with both detailed knowledge of established and fundamental methods of experimental physical chemistry and an introduction to selected state-of-the-art experiments that address contemporary scientific questions. You will learn about tools that are of broad utility in many areas of science and have fun discovering how to make these experimental apparatus work. The fundamental methods discussions will demonstrate how specific chemical phenomena can be used to interrogate complex molecular systems. Some of the experimental techniques introduced in this class are now employed in many different fields of fundamental and applied science and are considered the often cornerstones of modern day experimental nanoscience. The class will provide a hands-on introduction to physical methods and techniques used widely in chemistry and chemical physics research laboratories. Computer-based methods of data acquisition and analysis are used throughout.

Course Note: Recommended as preparation for research in experimental chemistry (Chemistry 98R and 99R), chemical physics, engineering sciences, or related disciplines.

Physical Sciences 11 or equivalent preparation in chemical bonding and fundamental principles; two introductory physics courses (e.g., Physical Sciences 2 and Physical Sciences 3). Chem 160 is recommended but not strictly required.

FAS Divisional Distribution: Science & Engineering & Applied Science

CHEM 166 (1)**Quantum Materials, Where Physics and Chemistry Meet**

MW 1200 PM - 0115 PM

Course ID: 223111

2026 Spring (4 Credits)

Instructor Permission Required

Suyang Xu

The discoveries of new materials have been so definitive that they are used to name periods in the history of mankind, such as Stone Age, Bronze Age, Iron Age, and Silicon Age. As we enter the quantum era, research focuses on Quantum Materials, where quantum mechanical effects are pronounced, holding promising for quantum computer, space technology, and clean energy. In this class, we will teach you the quantum theory of crystalline materials, including the cutting-edge quantum materials such as superconductors, magnets, topological insulators, light-harvesting materials, etc. We will teach these from a chemistry perspective, i.e., by drawing orbitals, chemical bonds and electron clouds in real space, in contrast to the typical quantum theory of solids in physics (solving Hamiltonians in momentum space). For chemistry and engineering students, we hope this class can teach you solid state theory without being bogged down by heavy math. For physics student, we hope this class can help you to establish a real space intuition for many of the concepts, which are lacking in present education. Overall, we hope to teach you the research frontiers in quantum science entered on materials discovery.

Recommended Prep: Chem 160 (The Quantum World) or an equivalent quantum mechanics course.

FAS Divisional Distribution: Science & Engineering & Applied Science

CHEM 171 (LEC)

Biological Synthesis

TR 0130 PM - 0245 PM

Emily Balskus

This course will examine synthesis from a biological perspective, focusing on how organisms construct and manipulate metabolites, as well as how biological catalysts and systems can be used for small molecule production. Topics to be covered include mechanistic enzymology, biosynthetic pathways and logic, biocatalysis, protein engineering, and synthetic biology.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 107702
2026 Spring (4 Credits)

CHEM 177 (LEC)

The Chemistry, Biology, and Societal Implications of Genome Editing

F 0300 PM - 0545 PM

David Liu

The life sciences and medicine are undergoing a revolution stimulated by breakthrough advances in genome editing technologies. These technologies, including those enabled by CRISPR systems, enable researchers and physicians to modify target DNA sequences in the genomes of living cells, including those in plants, animals, and human patients. This class will overview the chemistry and biology underlying recent and current genome editing agents. We will also discuss their current limitations, how they are reshaping medicine and agriculture, and some social and ethical implications of their use. In addition to attending lectures that present the chemistry and biology of genome editing, students will analyze recent reports from the scientific literature, and will present their analyses and reasoned opinions during the semester. Participants will also develop and present final projects on an aspect of genome editing to the class at the end of the semester.

Enrollment is limited and by petition only. For full consideration, submit an enrollment petition by following the directions posted on the course Canvas site.

For advanced undergraduates and graduate students with undergraduate-level understanding of molecular biology and either organic chemistry or biochemistry.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 216524
2025 Fall (4 Credits)

Instructor Permission Required

CHEM 200 (LEC)

Advanced Engineering Quantum Mechanics

MW 0300 PM - 0415 PM

Marko Loncar

The focus of this course is on the basic principles involved in the control of quantum systems and assumes knowledge of undergraduate quantum mechanics. Schrödinger, Heisenberg and interaction representations. Eigenvalue and time dependent problems, wave packets, coherent states. Harmonic oscillators. Quantization of the EM field. Tunneling; periodic potentials; Bloch's theorem. Perturbation theory. WKB approximation. Transfer matrix methods. Variational methods. Rotation generators and angular momentum. Magnetic moment and spin; Stern Gerlach experiment. Spin states, Pauli matrices. Pauli equation. Dynamics of spins in a static and a

Course ID: 220706
2025 Fall (4 Credits)

transverse time dependent magnetic field; dynamics in a rotating frame; Rabi oscillations. Coherent dynamics of two-level atoms. Rotating-wave and dipole approximations. Mixed states and density matrix. T1 and T2 relaxation times. Bloch equations. Identical particles: Bosons and Fermions. Slater determinant. Entanglement; singlet and triplet states. Hydrogen molecule. Clebsch-Gordan coefficients. Exchange energy. Elements of quantum information (qubits, no-cloning theorem, teleportation, quantum circuits).

Course Note: This course is also offered as QSE 200 and ENG-SCI 200. Students may only take one of QSE200, ENG-SCI 200, Chem 200 for credit

Related Discussion Sections:

Th 4:30 PM - 5:45 PM TBA

This course is also offered as QSE 200 and ENG-SCI 200. Students may only take one of QSE200, ENG-SCI 200, Chem 200 for credit Related Discussion Sections: Th 4:30 PM - 5:45 PM TBA

FAS Divisional Distribution: Science & Engineering & Applied Science

CHEM 242 (LEC)

Quantum Mechanics for Physical Chemistry

TR 0130 PM - 0245 PM

Eric Heller

Course ID: 112103

2025 Fall (4 Credits)

Instructor Permission Required

This course is designed to develop a familiarity and intuition for quantum mechanics, both time dependent and time independent. Emphasis on applications to spectroscopy and dynamics of large molecules, scattering theory, ultracold collisions, classical and semiclassical methods and their connection to quantum mechanics, decoherence theory and quantum measurement theory, and more topic to be determined by circumstance and student interests.

Enrollment is limited and by petition only. This course includes a required discussion section. Section will be scheduled in August, after polling enrolled students for their availability.

This should not be your first exposure to quantum mechanics but a good undergrad course in quantum mechanics and calculus plus some familiarity with differential equations is sufficient.

FAS Divisional Distribution: Science & Engineering & Applied Science

CHEM 243 (LEC)

Quantum Molecular Physics and Chemistry

MW 0300 PM - 0415 PM

Kang-Kuen Ni

Course ID: 134095

2026 Spring (4 Credits)

A graduate-level course on modern developments and techniques to control polar molecules for quantum science. The objective is to make students familiar with current research on using diatomic and polyatomic molecules for quantum computation, chemistry, simulation, and precision measurements. We will first lay the groundwork on angular momentum, spherical tensors, and rotations between frames. Main topics include molecular structure, dipolar interactions in the context of collisions and long-range entanglement, and trapping, cooling, and controlling techniques using external fields. Familiarity at the level of an introductory graduate quantum mechanics course is assumed.

Course Note: This course is also offered as QSE 243 and PHYSICS 243. Students may only take one of PHYSICS 243, QSE 243, and CHEM 243 for credit

FAS Divisional Distribution: Science & Engineering & Applied Science

CHEM 246 (LEC)

Advanced Statistical Mechanics: Frontiers in Research

TR 0300 PM - 0415 PM

Eugene Shakhnovich

Course ID: 222893

2025 Fall (4 Credits)

Instructor Permission Required

This class is for students who have undergraduate-level background in statistical mechanics but would like to explore how statistical mechanics helps to expand frontiers of research in modern biophysical chemistry, systems biology and materials science. The course includes regular lectures and journal club style in-depth discussion of current literature. The course starts with introductory lectures with emphasis on statistical mechanics of complex multi-particle systems including theory of phase transitions, statistical mechanics of complex systems and related topics. Next, we proceed with discussion of topics at the forefront of current

research. These include but not limited to biomolecular folding and organization including protein and genome folding and assembly of supramolecular complexes, statistical mechanics of liquid-liquid phase separation in living cells, statistical mechanics of biological evolution, thermal and dynamic properties of complex materials (polymers, gels multicomponent solutions). Special emphasis will be placed on current developments that revolutionized life sciences such as application of artificial intelligence in structural biology (AlphaFold2) and AI-based approaches to computational drug discovery

Enrollment is limited and by petition only. This course includes a required discussion section. Section will be scheduled in August, after polling enrolled students for their availability.

Chem 161 (Statistical Thermodynamics), Physics 181 (Statistical Mechanics and Thermodynamics), MCB 199 (Statistical Thermodynamics and Quantitative Biology) at Harvard, or an equivalent course at another college

FAS Divisional Distribution: Science & Engineering & Applied Science

CHEM 255 (LEC)

Course ID: 107709

Practical Crystallography in Chemistry and Materials Science

2026 Spring (4 Credits)

TR 1030 AM - 1145 AM

Instructor Permission Required

Shao-Liang Zheng

Due to great technical advances, crystal structure analysis plays an increasingly important role in the structure determination of complex solids. This course involves the basic principles of crystallography and covers advanced aspects of practical crystal structure refinement. Topics include crystal symmetry, space groups, geometry of diffraction, structure factors, and structure refinement. Students will gain a working knowledge of x-ray crystallographic techniques, including how to: grow quality crystals, collect data, reduce data, determine a structure, visualize structure, utilize structural databases, publish crystallographic results. Watch Learning Crystal Structure Analysis at Harvard.

FAS Divisional Distribution: Science & Engineering & Applied Science

CHEM 300

Course ID: 118124

Research and Reading

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Theodore Betley

Individual work under the supervision of members of the Department.

FAS Divisional Distribution: None

CHEM 300 (THE)

Course ID: 118124

Research and Reading

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Theodore Betley

Individual work under the supervision of members of the Department.

FAS Divisional Distribution: None

CHEM 301HFA (RR)

Course ID: 124905

Scientific Teaching and Communications: Practicum

2025 Fall (2 Credits)

T 1030 AM - 1145 AM

Instructor Permission Required

Gregory C. Tucci, Lu Wang, Wyatt Hurt

CHEM 301HFB

Course ID: 160578

Scientific Teaching and Communications: Practicum

2026 Spring (2 Credits)

No meeting time listed

Gregory C. Tucci, Lu Wang, Wyatt Hurt

CHEM 302
Organometallic Chemistry
No meeting time listed
Eric Jacobsen

Course ID: 110717
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CHEM 302 (THE)
Organometallic Chemistry
No meeting time listed
Eric Jacobsen

Course ID: 110717
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CHEM 304
Theoretical Atomic, Molecular, and Chemical Physics
No meeting time listed
Eric Heller

Course ID: 116447
2026 Spring (4 Credits)
Instructor Permission Required

CHEM 304 (RR)
Theoretical Atomic, Molecular, and Chemical Physics
No meeting time listed
Eric Heller

Course ID: 116447
2025 Fall (4 Credits)
Instructor Permission Required

CHEM 315
Photochemistry and Kinetics
No meeting time listed
James Anderson

Course ID: 117520
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CHEM 315 (THE)
Photochemistry and Kinetics
No meeting time listed
James Anderson

Course ID: 117520
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CHEM 318
Organic Chemistry
No meeting time listed
George Whitesides

Course ID: 113803
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CHEM 318 (THE)
Organic Chemistry
No meeting time listed
George Whitesides

Course ID: 113803
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CHEM 320
Chemical Biology
No meeting time listed
Emily Balskus

Course ID: 107703
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CHEM 320 (THE)
Chemical Biology
No meeting time listed
Emily Balskus

Course ID: 107703
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CHEM 323
Organic Chemistry
No meeting time listed
Stuart Schreiber

Course ID: 111689
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CHEM 323 (THE)
Organic Chemistry
No meeting time listed
Stuart Schreiber

Course ID: 111689
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CHEM 325
Physical Chemistry
No meeting time listed
Cynthia Friend

Course ID: 123927
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CHEM 325 (THE)

Physical Chemistry

No meeting time listed

Cynthia Friend

Course ID: 123927

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

CHEM 326

Physical Chemistry and Atomic Physics

No meeting time listed

Kang-Kuen Ni

Course ID: 110219

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

CHEM 326 (THE)

Physical Chemistry and Atomic Physics

No meeting time listed

Kang-Kuen Ni

Course ID: 110219

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

CHEM 330

Physical Chemistry

No meeting time listed

Adam Cohen

Course ID: 123994

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

CHEM 330 (THE)

Physical Chemistry

No meeting time listed

Adam Cohen

Course ID: 123994

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

CHEM 336

Physical and Inorganic Chemistry and Materials Science

No meeting time listed

Roy Gordon

Course ID: 115459

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

CHEM 336 (THE)
Physical and Inorganic Chemistry and Materials Science
No meeting time listed
Roy Gordon

Course ID: 115459
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CHEM 340
Inorganic Chemistry
No meeting time listed
Theodore Betley

Course ID: 123995
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CHEM 340 (THE)
Inorganic Chemistry
No meeting time listed
Theodore Betley

Course ID: 123995
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CHEM 342
Inorganic Chemistry
No meeting time listed
Daniel Nocera

Course ID: 109111
2026 Spring (4 Credits)
Instructor Permission Required

CHEM 342 (RR)
Inorganic Chemistry
No meeting time listed
Daniel Nocera

Course ID: 109111
2025 Fall (4 Credits)
Instructor Permission Required

CHEM 344
Inorganic and Materials Chemistry
No meeting time listed
Jarad Mason

Course ID: 207213
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CHEM 344 (TR)
Inorganic and Materials Chemistry
No meeting time listed
Jarad Mason

Course ID: 207213
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CHEM 346	Course ID: 000346
Materials Chemistry	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Suyang Xu</i>	

CHEM 346 (RR)	Course ID: 000346
Materials Chemistry	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Suyang Xu</i>	

CHEM 350	Course ID: 123316
Theoretical Physical Chemistry	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Eugene Shakhnovich</i>	

FAS Divisional Distribution: None

CHEM 350 (THE)	Course ID: 123316
Theoretical Physical Chemistry	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Eugene Shakhnovich</i>	

FAS Divisional Distribution: None

CHEM 351 (1)	Course ID: 223112
Theoretical and Computational Quantum Chemistry	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Joonho Lee</i>	

CHEM 351 (THE)	Course ID: 223112
Theoretical and Computational Quantum Chemistry	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Joonho Lee</i>	

FAS Divisional Distribution: None

CHEM 360	Course ID: 204016
Chemical Biology	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Brian Liao</i>	

FAS Divisional Distribution: None

CHEM 360 (THE)
Chemical Biology

No meeting time listed
Brian Liau

Course ID: 204016
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

CHEM 362
Organic Chemistry & Chemical Biology

No meeting time listed
Christina Woo

Course ID: 204017
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

CHEM 362 (THE)
Organic Chemistry & Chemical Biology

No meeting time listed
Christina Woo

Course ID: 204017
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

CHEM 386
Theoretical Chemistry

No meeting time listed
Alan Aspuru-Guzik

Course ID: 122695
2026 Spring (4 Credits)

Instructor Permission Required

CHEM 386 (RR)
Theoretical Chemistry

No meeting time listed
Alan Aspuru-Guzik

Course ID: 122695
2025 Fall (4 Credits)

Instructor Permission Required

CHEM 387
Organic Chemistry

No meeting time listed
Matthew Shair

Course ID: 114102
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

CHEM 387 (THE)
Organic Chemistry

No meeting time listed
Matthew Shair

Course ID: 114102
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

CHEM 388
Organic Chemistry

No meeting time listed
Andrew Myers

Course ID: 111158
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

CHEM 388 (THE)
Organic Chemistry

No meeting time listed
Andrew Myers

Course ID: 111158
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

CHEM 390
Organic Chemistry and Chemical Biology

No meeting time listed
David Liu

Course ID: 112638
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

CHEM 390 (THE)
Organic Chemistry and Chemical Biology

No meeting time listed
David Liu

Course ID: 112638
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

CHEM 391
Physical Chemistry

No meeting time listed
Hongkun Park

Course ID: 112639
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

CHEM 391 (THE)
Physical Chemistry

No meeting time listed
Hongkun Park

Course ID: 112639
2025 Fall (4 Credits)

Instructor Permission Required

CHEM 393	Course ID: 116230
Physical Chemistry	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Xiaowei Zhuang</i>	

CHEM 393 (RR)	Course ID: 116230
Physical Chemistry	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Xiaowei Zhuang</i>	

CHEM 396	Course ID: 119230
Organic Chemistry	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Daniel Kahne</i>	

CHEM 396 (RR)	Course ID: 119230
Organic Chemistry	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Daniel Kahne</i>	

CHEM 397	Course ID: 120076
Organic Chemistry	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Suzanne Walker</i>	

CHEM 397 (RR)	Course ID: 120076
Organic Chemistry	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Suzanne Walker</i>	

CHEM 398	Course ID: 122696
Organic and Organometallic Chemistry	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Richard Liu</i>	

CHEM 398 (RR)	Course ID: 122696
Organic and Organometallic Chemistry	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Richard Liu</i>	

PHYSCI 11 (LEC)

Foundations and Frontiers of Modern Chemistry: A Molecular and Global Perspective

Course ID: 107368
2026 Spring (4 Credits)

MWF 1030 AM - 1145 AM

Gregory C. Tucci, Frank Keutsch, Amanda Spiewak

The Physical Sciences hold the key to solving unprecedented problems at the intersection of science, technology, and an array of rapidly emerging global scale challenges. The course emphasizes a molecular scale understanding of energy and entropy; free energy in equilibria, acid/base reactivity, and electrochemistry; molecular bonding and kinetics; catalysis in organic and inorganic systems; the union of quantum mechanics, nanostructures, and photovoltaics; and the analysis of nuclear energy. Case studies are used both to develop quantitative reasoning and to directly link these principles to global strategies.

Course Note: Courses accepted by most medical schools as one semester of general chemistry with lab are LPS A, LS 1A, LS50a, or PHYSCI 11. The general chemistry requirement for the Chemistry concentration can be met by: one course CHEM 10; or two courses, one being LPS A or LS 1A, and the other being PHYSCI 10 or PHYSCI 11; or satisfactory placement out of the requirement. Students may not count both CHEM 10 and PHYSCI 11 for degree credit. Physical Sciences 1 and Physical Sciences 11 cannot both be taken for credit.

A few operations of calculus are developed and used. Fluency in pre-calculus secondary school mathematics is assumed.

Students are expected to have high school chemistry, or have completed Life and Physical Sciences A (LPS A) or Life Sciences 1a (LS 1a), or have received permission of the instructors.

FAS Divisional Distribution: Science & Engineering & Applied Science

LPS A (LEC)

Course ID: 123833
2025 Fall (4 Credits)

Foundational Chemistry and Biology

MWF 0900 AM - 1015 AM

Gregory C. Tucci, Monica Boselli, Maria Ostapovich, Amanda Spiewak, Amanda Spiewak

This course introduces fundamental concepts in chemistry and biology. Topics in chemistry include stoichiometry, acids and bases, aqueous solutions, gases, thermochemistry, electrons in atoms, and chemical bonding. The course also examines biological molecules, the transfer of information from DNA to RNA to protein, and cell structure and signaling.

Course Note: For students with little or no previous study of chemistry or biology. This course assumes fluency with high school algebra. LPS A gives solid preparation for Life Sciences 1b and Physical Sciences 11.

Requires: Anti-req: Cannot be taken for credit if Life Sciences 1a, OR Physical Sciences 1, OR Physical Sciences 10, OR Physical Sciences 11, OR Chemistry 17 OR Chemistry 20 already complete

FAS Divisional Distribution: Science & Engineering & Applied Science

Classics, The

Modern Greek

MODGRK AA

Course ID: 159840
2025 Fall (4 Credits)

Elementary Modern Greek

MTWR 0900 AM - 1000 AM

Andrew Ntapalis

For students with no knowledge of modern Greek. Basic oral expression, listening comprehension, grammar, reading, and writing. Language instruction is supplemented by reading of simple literary passages and other texts.

Course Note: Part one of a two-part series.

FAS Divisional Distribution: None

Full Year Course: Divisible Course

FAS: Meets Foreign Lang Req: Modern Greek

MODGRK AB

Course ID: 159841
2026 Spring (4 Credits)

Elementary Modern Greek

MTWR 0900 AM - 1000 AM

Instructor Permission Required

Andrew Ntapalis

For students who have taken Modern Greek Aa. Basic oral expression, listening comprehension, grammar, reading, and writing. Language instruction is supplemented by reading of simple literary passages and other texts.

Course Note: Part two of a two-part series.

An elementary knowledge of modern Greek equivalent to that of Modern Greek Aa.

Full Year Course: Divisible Course

FAS: Meets Foreign Lang Req: Modern Greek

FAS Divisional Distribution: None

MODGRK BA

Course ID: 159842
2025 Fall (4 Credits)

Intermediate Modern Greek: Culture and Civilization

MW 1200 PM - 0115 PM

Andrew Ntapalis

Aims at further development of skills in speaking, comprehension, reading, and writing. Selected readings in prose (literary and journalistic), poetry, folksongs, modern music, and theater serve as an introduction to aspects of modern Greek literature and culture. The course is conducted in Greek. Grammar is reviewed in the context of readings.

Course Note: Part one of a two-part series.

The section will be scheduled based on the availability of the enrolled students.

An elementary knowledge of modern Greek equivalent to that of Modern Greek Aa and Ab.

HCOL: Foreign Lang Citation: Modern Greek

FAS: Meets Foreign Lang Req: Modern Greek

FAS Divisional Distribution: None

Full Year Course: Divisible Course

MODGRK BB

Intermediate Modern Greek: Culture and Civilization

MW 1200 PM - 0115 PM

Course ID: 159843

2026 Spring (4 Credits)

Instructor Permission Required

Andrew Ntapalis

Aims at further development of skills in speaking, comprehension, reading, and writing. Selected readings in prose (literary and journalistic), poetry, folksongs, modern music, and theater serve as an introduction to aspects of modern Greek literature and culture. The course is conducted in Greek. Grammar is reviewed in the context of readings.

Course Note: Part two of a two-part series.

The section will be scheduled based on the availability of the enrolled students.

Knowledge of modern Greek equivalent to that of Modern Greek Aa, Ab, and Ba.

HCOL: Foreign Lang Citation: Modern Greek

FAS: Meets Foreign Lang Req: Modern Greek

Full Year Course: Divisible Course

FAS Divisional Distribution: None

MODGRK 90

Modern Greek Language Tutorials

No meeting time listed

Andrew Ntapalis

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the instructor to learn more.

FAS: Meets Foreign Lang Req: Modern Greek

FAS Divisional Distribution: None

MODGRK 100

Advanced Modern Greek: Introduction to Modern Greek Literature

W 0300 PM - 0500 PM

Course ID: 123852

2026 Spring (4 Credits)

Instructor Permission Required

Andrew Ntapalis

The course offers an introduction to the history and broader cultural contexts of Modern Greek literature from the 19th century to the present. Students will be exposed to a broad cross-section of literature from movements including Romanticism, symbolism, surrealism, modernism, and postmodernism composed by Modern Greece's leading poets and prose writers. All literary works are read in Greek.

Course Note: Conducted in Modern Greek. Permission of instructor required. This course is also repeatable with instructor permission, and will feature rotating topics.

Modern Greek Ba and Bb or equivalent.

HCOL: Foreign Lang Citation: Modern Greek

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Modern Greek

CLASPHIL 249

Mycenaean Greek

R 0300 PM - 0500 PM

Jeremy Rau

A systematic introduction to Mycenaean Greek, including script, synchronic and historical grammar, and the political, cultural and economic world of the Linear B tablets.

Reading knowledge of Greek required.

FAS Divisional Distribution: Arts and Humanities

Course ID: 127932

2025 Fall (4 Credits)

CLASPHIL 2234

Black Classicisms: A Research Seminar & Pedagogy Workshop

W 0300 PM - 0500 PM

Emily Greenwood

Course ID: 226297

2025 Fall (4 Credits)

Instructor Permission Required

From the enslaved poet Phillis Wheatley writing in Boston in the 1760s and 1770s, to contemporary authors and artists in Africa, the Caribbean, and the US, this lecture course will explore uses of ancient Greek and Roman Classics in the literatures, arts, and thought of Africa and the Black Diaspora. We will analyze how African and black diasporic authors and intellectuals have engaged with, revised, and re-imagined the classics of ancient Greece and Rome, both to expose and critique discourses of racism, imperialism, colonialism, and white supremacy, and as a rich source of radical self-expression. The course will be arranged thematically, taking in uses of Classics in literature, art, journalism, and politics. Writers, artists, and politicians whose work and ideas we will study include Phillis Wheatley, William Sanders Scarborough, Anna Julia Cooper, Pauline Hopkins, Mary Church Terrell, Edmonia Lewis, W.E.B. Du Bois, Aaron Douglas, Romare Bearden, Bob Thompson, Gwendolyn Brooks, Ralph Ellison, Rev. Martin Luther King Jr., Toni Morrison, Rita Dove, Harryette Mullen, Spike Lee, Hastings Kamuzu Banda, Ola Rotimi, Athol Fugard, John Kani, and Winston Ntshona, Wole Soyinka, Njabulo Ndebele, C.L.R. James, Eric Williams, Aimé Césaire, Derek Walcott, Kamau Brathwaite, Austin Clarke, Marlene NourbaSe Philip, Dionne Brand, and Evie Shockley. In addition to works by individual authors, lectures will also attend to the circulation of Greek and Roman classical myths, history, and thought in vernacular cultures. Throughout, we will be attentive to the relationship between national contexts and transnational histories and networks, and the phenomenon of classical appropriation in invented modern traditions.

FAS Divisional Distribution: Arts and Humanities

Greek

GREEK 1

Course ID: 203024
2025 Fall (4 Credits)

Introductory Ancient Greek 1

MWF 0900 AM - 1015 AM

Nadav Asraf

Greek 1 is the starting point for those interested in learning Ancient Greek. You will be introduced to the Ancient Greek world and culture through its language and literature. The specific dialect studied is that of Classical Athens, which is the language of Plato, Euripides, and Thucydides, as well as the basis for the language of the New Testament. The course also includes various enrichment activities, such as visits to museums and libraries.

Course Note: Students wishing to continue after Greek 1 should proceed to Greek 2, which continues the introductory sequence and prepares students for Greek 3.

No auditors. May be taken pass/fail (undergraduates) or SAT/UNSAT (graduate students) with instructor permission.

None. Greek 1 is an introductory course for students with no prior experience. Those who have studied Greek formally are not permitted to enroll in Greek 1, but should instead consider Greek 3; please consult with the Senior Preceptor in Classics (<mailto:livings@g.harvard.edu>).

FAS: Meets Foreign Lang Req: Ancient Greek

FAS Divisional Distribution: None

GREEK 2

Course ID: 203256
2026 Spring (4 Credits)

Introductory Ancient Greek 2

MWF 0900 AM - 1015 AM

Nadav Asraf

Greek 2 continues from Greek 1. You will continue to deepen your knowledge of the Ancient Greek language while being immersed in the world and culture of Ancient Greece. The course also includes various enrichment activities, such as visits to museums and libraries.

Course Note: Students wishing to continue after Greek 2 should proceed to Greek 3, which concludes the normal introductory sequence.

No auditors. May be taken pass/fail (undergraduates) or SAT/UNSAT (graduate students) with instructor permission.

Greek 1 or equivalent experience; please consult with the Senior Preceptor in Classics (<mailto:livings@g.harvard.edu>).

FAS: Meets Foreign Lang Req: Ancient Greek

FAS Divisional Distribution: None

GREEK 3

Course ID: 203229
2025 Fall (4 Credits)

Introductory Ancient Greek 3

MWF 0130 PM - 0245 PM

Nadav Asraf

Greek 3 concludes the Ancient Greek introductory sequence, following Greek 1 and 2. You will continue to develop your Ancient Greek linguistic skills and apply your knowledge to the reading of authentic texts. The course will also include various enrichment activities, such as visits to museums and libraries.

Course Note: Students wishing to continue after Greek 3 should proceed to Greek 10. Auditors allowed with permission of course head. May be taken Pass/Fail.

No auditors. May be taken pass/fail (undergraduates) or SAT/UNSAT (graduate students) with instructor permission.

Greek 2 or equivalent experience; please consult with the Senior Preceptor in Classics (<mailto:livings@g.harvard.edu>).

FAS: Meets Foreign Lang Req: Ancient Greek

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: Ancient Greek

GREEK 10

Course ID: 203230
2025 Fall (4 Credits)

Introduction to Ancient Greek Literature

MWF 0130 PM - 0245 PM

Nadav Asraf

Greek 10 offers close reading and analysis of Greek literary texts, both prose and poetry, beginning at an intermediate pace. Participants will improve their reading proficiency while developing an appreciation for features of style, genre, and meter.

Course Note: After Greek 10, students may take Greek courses at the 100-level, but are encouraged to consult with the Director of Undergraduate Studies in the Classics (classicsDUS@fas.harvard.edu) about their choice of course. Students may also take Greek 10 more than once, with the permission of the course head. Auditors allowed with permission of course head.

Greek 3. Students who have not studied Greek at Harvard should take the Greek Placement Exam and consult with the Senior Preceptor in Classics (livings@g.harvard.edu).

No auditors. May be taken pass/fail (undergraduates) or SAT/UNSAT (graduate students) with instructor permission.

FAS: Meets Foreign Lang Req: Ancient Greek

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: Ancient Greek

GREEK 10

Course ID: 203230
2026 Spring (4 Credits)

Introduction to Ancient Greek Literature

MWF 0130 PM - 0245 PM

Nadav Asraf

Greek 10 is dedicated to close reading and analysis of Ancient Greek literary texts, both prose and poetry, beginning at an intermediate pace. You will hone your Ancient Greek linguistic skills by reading authentic texts (e.g., Plato, Euripides, Homer, and Herodotus) and thereby improve your command of the language. By reading original Ancient Greek texts you will also be introduced to the literature and culture of Ancient Greece, while developing an appreciation for features of style, genre, and meter. The course will also include various enrichment activities, such as visits to museums and libraries.

Course Note: After Greek 10, students may take Greek courses at the 100-level, but are encouraged to consult with the Director of Undergraduate Studies in the Classics (classicsDUS@fas.harvard.edu) about their choice of course. Students may also take Greek 10 more than once, with the permission of the course head. Auditors allowed with permission of course head.

Greek 3. Students who have not studied Greek at Harvard should take the Greek Placement Exam and consult with the Senior Preceptor in Classics (livings@g.harvard.edu).

No auditors. May be taken pass/fail (undergraduates) or SAT/UNSAT (graduate students) with instructor permission.

HCOL: Foreign Lang Citation: Ancient Greek

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Ancient Greek

GREEK 107

Course ID: 123306
2025 Fall (4 Credits)

Thucydides and Experimental History

R 1245 PM - 0245 PM

Instructor Permission Required

Emily Greenwood

This course will use a series of readings from Thucydides' History, in Greek, to frame ongoing debates about how to write history. The method will be comparative, putting Thucydides in dialogue with writers in ancient Greece and Rome, as well as with modern and contemporary writers and artists across a range of genres and

media. We will also discuss debates in historiography and the philosophy of history.

Greek 10 and at least 1 previous Greek 100-level seminar or equivalent.

FAS: Meets Foreign Lang Req: Ancient Greek

HCOL: Foreign Lang Citation: Ancient Greek

FAS Divisional Distribution: Arts and Humanities

GREEK 115

The Odyssey

MW 1030 AM - 1145 AM

David Elmer

The Odyssey is unarguably a masterpiece of poetic and narrative art. This course will explore the poem's artistry through study of substantial selections in Greek. Readings will provide the foundation for discussion of the poem's central themes, its extraordinarily complex narrative structure, its relation to the Iliad and to oral tradition more generally, its ethical and ideological commitments, and numerous other topics.

Recommended Preparation, if any: Greek 10 or equivalent experience; please consult with the Senior Preceptor in the Classics (livings@g.harvard.edu).

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Ancient Greek

HCOL: Foreign Lang Citation: Ancient Greek

GREEK 131

Pindar

MW 1200 PM - 0115 PM

Gregory Nagy

This course focuses on songs of Pindar that were composed to celebrate the victories of athletes who competed in athletic events that took place at the Olympics in Olympia and at other such seasonally recurring festivals. Such songs, known to classicists as "epinician poems" or "victory odes," were usually performed in the victorious athlete's native city. The poet Pindar, whose career coincides with the first half of the fifth century BCE, was a "star" composer of such victory odes, and it was a matter of stratospheric prestige for the family of a victorious athlete to succeed in commissioning Pindar to compose for their native son such a celebratory song. The odes to be read in the original Greek for this course will include selections that all students will be reading, balanced with further selections chosen by each student. The amount of reading will be variable, adjusted to each student's degree of preparation. For example, those who have already studied Homeric poetry will be able to read more, but those students without such background can catch up rapidly, with the professor's one-on-one help. To be studied in the course is not only the poetic language of Pindar but also the historical background of athletic festivals and of elitist as well as non-elitist ideologies linking the heroic past as a model for athletes—including women athletes. A book that will be consulted in analyzing the historical background of female as well as male athleticism is the professor's recent book *Ancient Greek Heroes, Athletes, Poetry* (2024). Pindar's poetry, especially with reference to the hero Herakles, figures most prominently in that book. Other heroes highlighted in Pindar's poetry include the tragic figure of Ajax, as analyzed in another book written by the professor: *Imagining the hero Ajax in poetry by Pindar and by Pindar's Homer* (2024).

FAS: Meets Foreign Lang Req: Greek

HCOL: Foreign Lang Citation: Greek

GREEK 138

Advanced Greek I: Topics

TR 1030 AM - 1145 AM

Giovanni Bazzana

Topic: Christian Greek Poetry

This course aims to move students from an intermediate to advanced proficiency with Greek by studying select Christian, pagan, and Jewish texts primarily from late antiquity. A primary purpose is to increase reading comprehension through prepared readings (with review of grammar when necessary).

Course ID: 226503

2025 Fall (4 Credits)

Instructor Permission Required

Jointly offered with HDS 4245.

Greek 10 or HDS 4221 or equivalent experience, please consult with instructor.

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Greek

FAS: Meets Foreign Lang Req: Greek

GREEK 175

Greek Syntax and Style

T 1245 PM - 0245 PM

Mark Schiefsky

Greek 175 is an advanced course in Ancient Greek that aims to give students a deeper understanding of the structure and use of Greek. Students will have the opportunity to improve their knowledge of the language thanks to an advanced review of morphology, syntax, and semantics, and to challenge themselves through discussions of finer points of semantics, word order, particles, and rhetorical devices. The students' command of the language will be tested and refined by way of exercises in translating from English into Classical Greek and exercises which, coupled with reading representative authors and commenting on their use of Greek, will give will give them a deeper appreciation for the structure of the language and the inner workings and style of Greek prose.

Undergraduates with sufficient preparation in Greek (the equivalent of at least one 100-level course) are welcome to enroll. Interested students should contact the instructor for more information.

FAS: Meets Foreign Lang Req: Ancient Greek

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Ancient Greek

GREEK 188

Oratory

TR 1030 AM - 1145 AM

Alexander Riehle

In the largely oral societies of the ancient Mediterranean world, speech held an important place in public discourse. The delivery of orations and informal discourses could serve various purposes: to establish communication between individuals or groups, to influence decision-making in assemblies and courts, to support and spread political propaganda, to forge and represent collective identities, and to promote personal agendas. Particularly in later periods, rhetorical displays could turn into public spectacles comparable to dramatic performances. This class traces the history of Greek oratory from the classical period to late antiquity by reading representative texts in various rhetorical genres and discussing them within their socio-political contexts. In addition to canonical orators of classical Athens such as Demosthenes, Lysias, and Isocrates, we will also study examples of Roman and late antique (including Jewish and Christian) rhetoric.

FAS: Meets Foreign Lang Req: Greek

HCOL: Foreign Lang Citation: Greek

Course ID: 220030

2025 Fall (4 Credits)

Course ID: 226300

2026 Spring (4 Credits)

CLASARCH 10 (0001)

Course ID: 108583
2025 Fall (4 Credits)

Greek Archaeology

TR 0130 PM - 0245 PM

Adrian Staehli

This course offers an introduction to Greek art, architecture, and material culture from the end of the Mycenaean civilization (ca. 1200/1100 BC) to the Hellenistic Age (3rd–1st century BC) and the Roman conquest of Greece. It surveys in chronological order sites, monuments, art works and artefacts of ancient Greece from the "Dark Ages" through the Archaic, Classical, and Hellenistic period. Attention will be given to archaeological remains and material culture as evidence for social and cultural historical processes and to their importance for our understanding of the ancient Greek world, but also to the reception of Greek art and architecture in modern times, with a particular focus on American neo-classical architecture and sculpture. The course provides broad knowledge of the major monuments and artefacts of ancient Greece in a chronological survey and examines archaeological methods, theories and practices, including issues of current research and scholarly debates. Participants will learn in the class room and through museum visits to identify, classify, and interpret archaeological artefacts and work of arts within their geographical, historical and cultural setting.

Course Note: This course is specifically designed for undergraduates; graduate students are more than welcome, but the course does not count towards the Classical Archaeology course requirements for graduate students in the Classics.

FAS Divisional Distribution: Arts and Humanities

CLASARCH 125

Course ID: 226532
2026 Spring (4 Credits)

Classical Archaeology: A History of the Discipline

R 0945 AM - 1145 AM

Kathleen Garland

CLASARCH 146

Course ID: 218326
2025 Fall (4 Credits)

The Archaeology of Women and Gender in the Ancient World

R 0300 PM - 0500 PM

Margaret Andrews

Women represent half of humanity, but they have been greatly underrepresented in studies of past cultures and societies. This course provides an introduction to material aspects of women's lives in the ancient Greco-Roman Mediterranean world: the things and spaces that made up their lives. We will examine not only what women actually did and did not do in these societies, but also how they were perceived by their male contemporaries and what value to society they were perceived to have. Through a comparative and interdisciplinary approach using primarily archaeological evidence, we will explore the complexities and ambiguities of women's lives in the ancient Mediterranean and begin to understand the roots of modern conceptions and perceptions of women in the Western world today.

FAS Divisional Distribution: Arts and Humanities

CLASARCH 157

Course ID: 107934
2025 Fall (4 Credits)

The Roman Villa

W 0300 PM - 0500 PM

Adrian Staehli

In their villas, members of the Roman aristocracy indulged in a lifestyle of leisure and luxury, cultivated their passions for art, literature, scholarship or fish breeding, and refrained deliberately from business and political activities. The course explores the archaeological remains and artifacts—architecture, wall paintings, collections of sculpture, precious silver and gold ware—related to this particular Roman phenomenon of the so-called *villeggiatura*.

CLASARCH 225

Hellenistic Sculpture

F 0300 PM - 0500 PM

Adrian Staehli

Course ID: 207705
2026 Spring (4 Credits)

Greek sculpture of the Hellenistic period (i.e. from the end of the 4th to the 1st century BC) has become again, in recent years, an exciting area of research with a renewed focus on questions of the spatial setting and staging of sculpture, the involvement of the beholder, the manipulation of the experience of perception through specific artistic means that play with appearance and reality, with mimetic illusion and deception, and with new modes of expression and visual narration, which responded to expectations of beholders familiar with new, sophisticated ideas of aesthetic experience which we see reflected in contemporary ekphrastic poetry.

Course Note: This course will be designed in connection and cooperation with the major exhibition on Celtic Art which will be staged by the Harvard Art Museums in Spring 2026 and will include frequent museum trips to the Harvard Art Museums as well as to the Museum of Fine Arts in Boston to study important art works relating to this class.

This seminar addresses primarily graduate students; undergraduate students with previous exposure to Classical Archaeology, Classical Philology, or Ancient History are more than welcome.

FAS Divisional Distribution: Arts and Humanities

Latin

LATIN 1

Course ID: 203025
2025 Fall (4 Credits)

Introductory Latin 1

MF 1030 AM - 1145 AM

Ivy Livingston

Latin 1 is a starting point for those interested in learning to read the Latin language. Participants will begin to gain direct access to the literature and culture of the Roman world through its writings.

Course Note: Students wishing to continue after Latin 1 should proceed to Latin 2, which continues the introductory sequence and prepares students for Latin 3.

No auditors. May be taken pass/fail (undergraduates) or SAT/UNSAT (graduate students) with instructor permission.

None. Latin 1 is an introductory course for students with no prior experience. Those who have studied Latin formally are not permitted to enroll in Latin 1, but should instead consider Latin 3; please consult with the Senior Preceptor in Classics (livings@g.harvard.edu).

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Latin

LATIN 1 (002)

Course ID: 203025
2025 Fall (4 Credits)

Introductory Latin 1

MF 1200 PM - 0115 PM

Ivy Livingston

Latin 1 is a starting point for those interested in learning to read the Latin language. Participants will begin to gain direct access to the literature and culture of the Roman world through its writings.

Course Note: Students wishing to continue after Latin 1 should proceed to Latin 2, which continues the introductory sequence and prepares students for Latin 3.

No auditors. May be taken pass/fail (undergraduates) or SAT/UNSAT (graduate students) with instructor permission.

None. Latin 1 is an introductory course for students with no prior experience. Those who have studied Latin formally are not permitted to enroll in Latin 1, but should instead consider Latin 3; please consult with the Senior Preceptor in Classics (livings@g.harvard.edu).

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Latin

LATIN 2

Course ID: 203253
2026 Spring (4 Credits)

Introductory Latin 2

MF 1030 AM - 1145 AM

Instructor Permission Required

Ivy Livingston

Latin 2 continues from Latin 1. Participants will continue to develop their ability to read Latin with increasing emphasis on literary texts.

Course Note: Students wishing to continue after Latin 2 should proceed to Latin 3, which concludes the normal introductory sequence.

No auditors. May be taken pass/fail (undergraduates) or SAT/UNSAT (graduate students) with instructor permission.

Latin 1 or equivalent experience; please consult with the Senior Preceptor in Classics (livings@g.harvard.edu).

FAS: Meets Foreign Lang Req: Latin

FAS Divisional Distribution: None

LATIN 2 (002)

Introductory Latin 2

MF 1200 PM - 0115 PM

Ivy Livingston

Course ID: 203253
2026 Spring (4 Credits)

Instructor Permission Required

Latin 2 continues from Latin 1. Participants will continue to develop their ability to read Latin with increasing emphasis on literary texts.

Course Note: Students wishing to continue after Latin 2 should proceed to Latin 3, which concludes the normal introductory sequence.

No auditors. May be taken pass/fail (undergraduates) or SAT/UNSAT (graduate students) with instructor permission.

Latin 1 or equivalent experience; please consult with the Senior Preceptor in Classics (livings@g.harvard.edu).

FAS: Meets Foreign Lang Req: Latin

FAS Divisional Distribution: None

LATIN 3

Introductory Latin 3

MWF 1030 AM - 1145 AM

Ivy Livingston

Course ID: 203227
2025 Fall (4 Credits)

Latin 3 concludes the normal introductory sequence, following Latin 1 and 2 (or equivalent experience). By the end of the course, participants will have been introduced to all the fundamentals of the language and had practice applying their knowledge to the reading of authentic texts. Latin 3 may also serve as a review course for students who are already acquainted with most of the common language structures, but have little experience with unadapted literature.

Course Note: Students who have studied Latin elsewhere should take the Latin Placement Test before enrolling in Latin 3. Students wishing to continue after Latin 3 may proceed to Latin 10 or Medieval Latin 10.

No auditors. May be taken pass/fail (undergraduates) or SAT/UNSAT (graduate students) with instructor permission.

Latin 2. Students who have not studied Latin at Harvard should take the Latin Placement Exam and consult with the Senior Preceptor in Classics (livings@g.harvard.edu).

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: Latin

FAS: Meets Foreign Lang Req: Latin

LATIN 10

Introduction to Latin Literature

MWF 0900 AM - 1015 AM

Ivy Livingston

Course ID: 203228
2025 Fall (4 Credits)

Latin 10 offers close reading and analysis of Latin literary texts, both prose and poetry, beginning at an intermediate pace. Participants will improve their reading proficiency while developing an appreciation for features of style, genre, and meter.

Course Note: After Latin 10, students may take Latin courses at the 100-level, but are encouraged to consult with the Director of Undergraduate Studies in the Classics (classicsDUS@fas.harvard.edu) about their choice of course. Students may also take Latin 10 more than once, with the permission of the course head.

No auditors. May be taken pass/fail (undergraduates) or SAT/UNSAT (graduate students) with instructor permission.

Latin 3 or Latin Ax. Students who have not studied Latin at Harvard should take the Latin Placement Exam and consult with the Senior Preceptor in Classics (livings@g.harvard.edu).

FAS: Meets Foreign Lang Req: Latin

LATIN 10

Course ID: 203228
2026 Spring (4 Credits)

Introduction to Latin Literature

MWF 0130 PM - 0245 PM

Ivy Livingston

Latin 10 offers close reading and analysis of Latin literary texts, both prose and poetry, beginning at an intermediate pace. Participants will improve their reading proficiency while developing an appreciation for features of style, genre, and meter.

Course Note: After Latin 10, students may take Latin courses at the 100-level, but are encouraged to consult with the Director of Undergraduate Studies in the Classics (classicsDUS@fas.harvard.edu) about their choice of course. Students may also take Latin 10 more than once, with the permission of the course head.

No auditors. May be taken pass/fail (undergraduates) or SAT/UNSAT (graduate students) with instructor permission.

Latin 3 or Latin Ax. Students who have not studied Latin at Harvard should take the Latin Placement Exam and consult with the Senior Preceptor in Classics (<mailto:livings@g.harvard.edu>).

FAS: Meets Foreign Lang Req: Latin

HCOL: Foreign Lang Citation: Latin

FAS Divisional Distribution: None

LATIN 102

Course ID: 118174
2026 Spring (4 Credits)

Catullus

MW 0300 PM - 0415 PM

Richard Thomas

Catullus revolutionized Roman poetry. Focusing on the complex literary culture of late Republican Rome, the course aims to show how this revolution came about and what its consequences were. Reading from the entire oeuvre of Catullus, with exploration of politics and poetry, gender and sexuality, personal voice and the ways biographical details shape the corpus, epyllion and Catullus' uses of archaic lyric (especially Sappho), Hellenistic poetry (Greek not required) and the prior Roman tradition; epigram and the beginnings of Roman elegy.

Latin 10 or equivalent experience; please consult with the Senior Preceptor in Classics (<mailto:livings@g.harvard.edu>).

FAS: Meets Foreign Lang Req: Latin

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Latin

LATIN 112A

Course ID: 120352
2025 Fall (4 Credits)

Latin Literature: Texts and Contexts

MWF 0130 PM - 0245 PM

Richard Thomas

This year-long course (with Latin 112b) is designed to help students develop a map of Latin literary culture. Students are allowed to take either or both halves of the course. The class prepares students to discuss Latin literature in its historical and cultural context with chronology, genre, theme, performance, and reception context as organizational frameworks. Through prepared translation of assigned text, reading practice sessions, and interpretative exercises, students will improve their reading fluency and enhance their ability to read and interpret a range of Latin texts. Latin 112a focuses on Latin literature from its earliest glimmers down to texts dating from the early Augustan period. Latin 112b focuses on literature of the Imperial Era. This course is designed for advanced readers of Latin with previous experience with a range of Latin authors and genres.

The discussion session for this course will be scheduled based on student availability. Attendance at section is recommended but not required.

Questions about individual language preparedness should be addressed the departmental Senior Preceptor, Dr.

Ivy Livingston: livings@fas.harvard.edu (<[a href="mailto:livings@g.harvard.edu">livings@g.harvard.edu](mailto:livings@g.harvard.edu)).

HCOL: Foreign Lang Citation: Latin

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Latin

LATIN 112B

Course ID: 121749
2026 Spring (4 Credits)

Latin Literature: Texts and Contexts

MWF 1030 AM - 1145 AM

Rachel Love

This year-long course (with Latin 112a) is designed to help students develop a map of Latin literary culture. Students are allowed to take either or both halves of the course. The class prepares students to discuss Latin literature in its historical and cultural context with chronology, genre, theme, performance, and reception context as organizational frameworks. Through prepared translation of assigned text, reading practice sessions, and interpretative exercises, students will improve their reading fluency and enhance their ability to read and interpret a range of Latin texts. Latin 112a focuses on Latin literature from its earliest glimmers down to texts dating from the early Augustan period. Latin 112b focuses on literature of the Imperial Era. This course is designed for advanced readers of Latin with previous experience with a range of Latin authors and genres.

Latin 10 or equivalent experience; please consult with the Senior Preceptor in Classics (<[a href="mailto:livings@g.harvard.edu">livings@g.harvard.edu](mailto:livings@g.harvard.edu)).

FAS: Meets Foreign Lang Req: Latin

HCOL: Foreign Lang Citation: Latin

FAS Divisional Distribution: Arts and Humanities

LATIN 117

Course ID: 110614
2025 Fall (4 Credits)

Livy and the Gauls

MW 1200 PM - 0115 PM

Rachel Love

As Rome expanded beyond the Italian peninsula, the new empire came into contact with their earliest and longest enduring enemy: the Gauls. In this course, we will read how the Latin historian Livy narrates a series of Rome's interactions with several Gallic tribes across a vast swath of modern-day Europe and Asia (e.g. northern Italy, France, Germany, and Turkey). Throughout our reading, we will pay special attention to Livy's use of the ancient ethnographic tradition and support our Latin readings with modern scholarship on historiography and racecraft. This class will meet twice a week. The expected reading load is ca. 3 OCT pages per week, plus weekly English readings of ca. 25 pages. Class time will be split between resolving questions of translation and group discussion of Latin and English readings.

Latin 10 or equivalent experience; please consult with the Senior Preceptor in Classics, Dr. Ivy Livingston: (<[a href="mailto:livings@g.harvard.edu">livings@g.harvard.edu](mailto:livings@g.harvard.edu)).

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Latin

HCOL: Foreign Lang Citation: Latin

LATIN 134

Course ID: 110649
2026 Spring (4 Credits)

Archaic Latin

TR 1200 PM - 0115 PM

Jeremy Rau

Essentials of Latin comparative and historical grammar, with readings of early Latin inscriptions, legal texts, and selections from Old Latin authors.

Undergraduates with sufficient preparation in Latin (the equivalent of at least one 100-level course) are welcome to enroll. Interested students should contact the instructor for more information.

HCOL: Foreign Lang Citation: Latin

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Latin

LATIN 164

Cicero

MW 0130 PM - 0245 PM

Peter Osorio

Course ID: 226512
2026 Spring (4 Credits)

HCOL: Foreign Lang Citation: Latin

FAS: Meets Foreign Lang Req: Latin

LATIN 165

Latin Didactic Poetry

TR 0900 AM - 1015 AM

Peter Osorio

Course ID: 226514
2025 Fall (4 Credits)

A survey of Republican and Imperial didactic poetry. This year, we will read from Lucretius's *De rerum natura* 4 and Ovid's *Remedia amoris* and *Fasti* 4. All three belong to a long tradition of attempts to work out the relations between love and learning. We will consider how Lucretius and Ovid position their attitudes towards love as a distraction from and/or a driving impulse for inquiry. Along the way we will work on building facility in vocabulary, grammar, and prosody. We will also read relevant comparanda in translation, including excerpts from Hesiod, Plato, Cicero, American Shakers, Anne Carson, Richard Rorty, and others.

Latin 10 or equivalent experience; please consult with the Senior Preceptor in Classics, Dr. Ivy Livingston: (livings@g.harvard.edu).

FAS: Meets Foreign Lang Req: Latin

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Latin

CLS-STDY 97A

Course ID: 116729
2025 Fall (4 Credits)

Introduction to the Ancient Greek World

MW 0130 PM - 0245 PM

Kathleen Garland

This course will cover the history of ancient Greece from the Bronze Age Minoan and Mycenaean palace civilizations to the Roman conquest of the East Mediterranean. Attention will be paid to the major political, social, economic, and cultural transformations, all set within their Mediterranean and west Asian environments. Students will explore the wide variety of textual sources (in translation) and archaeological evidence out of which historians seek to understand ancient Greece.

Course Note: Concentrators are required to take either one or two semesters of Classical Studies 97, depending on their concentration track.

FAS Divisional Distribution: Arts and Humanities

CLS-STDY 97B

Course ID: 124050
2026 Spring (4 Credits)

Introduction to the Ancient Roman World

TR 1030 AM - 1145 AM

Irene Soto Marin

This course provides a comprehensive exploration of Roman history, culture, and research methodologies. It consists of three key components: a chronological survey of Roman history, beginning with the founding of Rome in the mid-8th century BCE and concluding with the dissolution of the Western Empire in the late 5th century CE; thematic examinations of crucial aspects of Roman culture and daily life, encompassing topics such as religion, economy, law and administration, technological advancements, and urban topography; and an introduction to the tools and methods utilized in Roman world research, with particular emphasis on material culture and documentary sources. The course aims to provide a robust understanding of both the historical trajectory of Rome and the intricate workings of Roman society. Students will gain valuable insights into the processes of historical inquiry through the study of physical evidence, such as artifacts and archaeological remains, as well as written records, fostering a multifaceted approach to understanding the ancient world.

Course Note: Concentrators are required to take either one or two semesters of Classical Studies 97, depending on their concentration track.

None.

FAS Divisional Distribution: Arts and Humanities

CLS-STDY 108

Course ID: 226531
2026 Spring (4 Credits)

Greek Religion

MW 1030 AM - 1145 AM

Kathleen Garland

CLS-STDY 109

Course ID: 226351
2025 Fall (4 Credits)

Ancient Myth and the Modern World

W 0945 AM - 1145 AM

Kathleen Garland

This course is an introduction to the study of Greco-Roman mythology. Our primary goal will be to familiarize ourselves with some of the core texts that form this tradition. As we become "mythologically literate" in this extended universe, we will also pursue our second goal, surveying how modern readers have approached and responded to these myths. We will consider how the same set of myths can mean radically different things to different people in different periods, and how they have been appropriated to speak to contemporary concerns. At the same time, we will be looking for commonalities across the different instantiations of these myths, as we attempt to answer the more general questions, "What is myth?" and "What does myth mean to us today?"

CLS-STDY 112

Regional Study: Sicily

R 1245 PM - 0245 PM

Margaret Andrews

Course ID: 156313
2026 Spring (4 Credits)

Instructor Permission Required

The advanced undergraduate seminar Classical Studies 112: Regional Study is a capstone course required of concentrators in Classical Civilizations and Ancient History (Greek and Roman). It will explore in depth the cultural, political, and social histories of ancient Sicily, from the Bronze Age to the Norman period, drawing together the different skills and knowledge that you will have acquired during your time as a concentrator. Through the study of sites, objects, and texts, the course will examine a number of themes key to understanding a discrete region of the ancient Mediterranean world, including landscape and ecology; identities and ethnic interactions; empire and government; religion and myth; and much else. We will aim to analyze all available types of evidence, including architecture, art, coins, geology, inscriptions, and literature. Students will travel to Sicily during Spring Break.

Course Note: This course is required for concentrators in the Classical Civilizations track, joint concentrators in Ancient History, and all joint concentrators in Classical Civilizations and an Allied Field. Admission is by application only. Students interested in enrolling should contact the Director of Undergraduate Studies (classicsDUS@fas.harvard.edu).

FAS Divisional Distribution: Arts and Humanities

CLS-STDY 114

Constantinople

T 1200 PM - 0200 PM

Alexander Riehle

Course ID: 226195
2025 Fall (4 Credits)

Overlooking the Bosphorus Strait, which separates Europe from Asia, the city founded by Constantine I in 324 at the location of ancient Byzantium would become the capital of the Roman Empire, a bustling medieval metropolis, and a site of rich imagination: to the Byzantines it was the "New Rome" or simply "the City," foreigners it inspired with awe and admiration. This seminar explores the city of Constantinople as a physical and mental space by examining archaeological remains and textual and visual sources. We will discuss the city's geography and topography; its place in imperial and religious ideology; private and public institutions such as schools, hospitals, and orphanages; daily life, economy, commerce, and demographics; the excavation, preservation, and transformation of monuments; and native, foreign, and modern-day perceptions.

FAS Divisional Distribution: Arts and Humanities

CLS-STDY 166

Bob Dylan the Classic

TR 1030 AM - 1145 AM

Richard Thomas

Course ID: 222226
2025 Fall (4 Credits)

Instructor Permission Required

This course examines Bob Dylan the creative genius and enduring and continuing musical, literary, and general cultural phenomenon, in the context of popular and higher literary culture of the last 60 years, and of performed literature; also in the context of those long-lived literary and musical cultures with which he works: the Beats and Moderns of the 20th and Romantics of the 19th century; Poe, Melville, Whitman and Americana of the same 19th century; Shakespeare and the old ballad traditions; John Donne and the Metaphysical poets; Dante, Petrarch and the Troubadours; and in more recent songs going back to Homer, Virgil, Ovid, and the western literary canon. Traces the evolution of his songs and lyrics from their early folk, blues, rock, gospel, and protest roots, through the transition from acoustic to electric, in studio and performative contexts, also through the many persona evolutions and reinventions that have characterized and continue to characterize his career in songwriting, performance, literature, film and painting. Lectures, listening to, viewing, and discussing a broad representation of Dylan's output.

This course has an enrollment cap. When you submit an enrollment petition, in the text field please note your concentration (if you have declared one) and write in no more than 50 words/two sentences why you would like to take this course. This course will have a section. Section scheduling preferences will be collected after enrollment closes.

None.

CLS-STDY 172

Romanness after Rome

F 0945 AM - 1145 AM

*Jan Ziolkowski*Course ID: 222227
2025 Fall (4 Credits)

By determining and interpreting facts from roughly 753 BCE to the present, this course explores major issues relating to Rome and Romanness. Self-definition, ethnicity, and identity can be fascinating, especially when probed by looking at people from different times and places. Self-discovery is enriched by fresh learning, together with discovery of others. In a sense, there is only one Rome, and it has been styled eternal. At the same time, many Romes have existed. To start at the beginning, why were the Romans called Roman? What was it to be a Roman citizen? Moving on to Late Antiquity and beyond, let's look at why there was a New Rome or Second Rome, and why it is fair or unfair to talk about Byzantine culture. A related puzzle, why does the thirteenth-century Islamic poet and mystic Rumi have that epithet? To turn to religion, we have the expression Roman Catholic. In matters of Church and State, why was the Holy Roman Empire Roman? Incidentally, what makes Roman Law Roman? Why did Romans speak Latin—or did they all speak Latin? Why did other languages develop that have been termed Romance? Why do some fictions qualify as romances? Why are feelings associated with love romantic? Why does a kind of art and architecture go by the adjective Romanesque? A few big, overarching questions: What claims to Romanness have been made for the US? Why was there a Third Rome—and where was (or is) it? Which has been more Roman, Russia or America—and is that good, bad, or neutral? What is Roman today?

FAS Divisional Distribution: Arts and Humanities

CLS-STDY 174

Roman Freedpersons

MW 1200 PM - 0115 PM

*Peter Osorio*Course ID: 226515
2026 Spring (4 Credits)

CLS-STDY 182

The Economy of Roman Alexandria

R 0300 PM - 0500 PM

*Irene Soto Marin*Course ID: 226198
2026 Spring (4 Credits)

This course explores the vibrant and interconnected economy of Roman Alexandria, emphasizing its role as both a producer of goods and knowledge, as well as a central player in long-distance trade. Students will delve into the city's diverse industries, including the production of textiles, fine arts, and jewelry, alongside the redistribution of essential goods such as grain, rope, and luxury imports like pepper. The course will also examine Alexandria's significant contributions to science, medicine, and philosophy, as well as its political influence, with the urban elite holding land across Egypt and maintaining strong ties with the Roman Emperor and court. Alexandria's strategic location further established it as a vital gateway to the Red Sea, facilitating trade routes to the Horn of Africa, the Arabian Peninsula, and the Indian Ocean, promoting extensive cultural exchange. Through the study of papyri, archaeological findings, coins, and literary sources, this course highlights Alexandria's unparalleled status as a cosmopolitan center of culture, commerce, and intellectual activity during the Roman period.

CLS-STDY 194

Sports and Athletics in Ancient Greece and Rome

T 1245 PM - 0245 PM

*Mark Schiefsky*Course ID: 226199
2026 Spring (4 Credits)

A study of athletics and sport in the ancient Greek and Roman worlds. Through a close study of primary sources (in English), modern secondary literature, and ancient archaeological evidence, the course explores the origins and development of the major ancient athletic contests (particularly the Olympic Games); the theory and practice of athletic training; the relationship between athletics and other forms of bodily care, such as medicine; and the

changing relationship of athletics and education in ancient and modern times. Students will make use of materials in the Harvard Art Museums and the archaeological excavations in ancient Olympia. No prior knowledge of the ancient world is assumed.

Course Note: Some of the lecture sessions may take place over Zoom. All sections will be held in person. Please consult the course site for more details.

This class will have a discussion section. Students should add the untimed placeholder (DIS), and sectioning preferences will be collected after registration.

CLS-STDY 215

Course ID: 226197

Ancient Greek History: Topics and Methods

2025 Fall (4 Credits)

T 0945 AM - 1145 AM

Paul Kosmin

This course will explore (i) central questions in Greek history, broadly understood (e.g., the emergence and nature of the polis, interactions with the Achaemenid empire, the Greek economy, enslavement and subordination, ruler cult), and (ii) key texts in the philosophy and methodology of the historical discipline. The course is designed as General Examination preparation for graduate students in the Ancient History PhD track.

Course Note: Advanced undergraduates who have completed CLS-STDY 97a may petition to enroll.

FAS Divisional Distribution: Arts and Humanities

CLS-STDY 224

Course ID: 226554

Translations and Negotiations: the Afterlife of the Roman Landscape

2025 Fall (4 Credits)

R 0900 AM - 1145 AM

Instructor Permission Required

Kaja Tally-Schumacher

This course investigates the myriad ways ancient Roman place-making, visual culture, and thought have been evoked, utilized, weaponized, and translated in North American thought, design, and visual history. Our investigation juxtaposes well established connections between White Supremacy and the Classical Past with often overlooked Indigenous and Black engagement with classical forms. At the heart of our investigation are concepts of agency, ownership, and power, i.e. who shapes the land and who owns the classical forms? Topics explored include the following: the way Indigenous and Black artists, thinkers, and designers have engaged with and translated classical visual practices and concepts (such as Edmonia Lewis and Kent Monkman); Neoclassicism and White Supremacy (i.e. who owns the classical past in public parks? The question of Robert E. Lee/Marcus Aurelius); the entanglement between working the land and enslavement and the parallels and divergences between Roman and New World enslavement; the influence of Roman landscape design and horticulture on later American landscapes and gardens; the legacy of Roman surveying methods and centuriation in the mapping of the US; imperialism and the construction of the Other (Neoclassical portrayals of Indigenous figures in civic spaces in the guise of ancient Mediterranean barbarians); the translation and adoption of ancient Mediterranean and Roman visual culture in American cemeteries (including a class visit to Mount Auburn Cemetery). Class visits: Mount Auburn Cemetery (reached via public transportation) and the Harvard Map Collection.

Students must attend the first class meeting to maintain enrollment in this course. This GSD seminar (HIS 4521) is jointly offered with FAS as HAA 234G and CLS-STDY 224. Enrollment in each offering is capped but may be adjusted to account for student interest.

MODGRKST 104

Dreams and Literature from Antiquity to Modernity

T 0945 AM - 1145 AM

Panagiotis Roilos

Course ID: 226200
2026 Spring (4 Credits)

Against the dual background of ancient and medieval commentaries on the one hand, and modern psychoanalytic and ethnographic studies on the other, diverse literary texts will be explored. The major focus will be on Greek literature from antiquity to the present, but examples from other European literatures will also be considered (including film). Major topics: typology of dreams; dreams as narratives; dreaming and writing; religious dimensions. Theoretical readings to include: Aristotle, Aelius Aristides, Artemidorus, Synesius of Cyrene; Freud, Jung, Levi-Strauss, Lacan, Foucault, Lyotard.

MEDLATIN 110

Introduction to Medieval Latin Literary Culture: Texts and Contexts

M 0300 PM - 0500 PM

Jan Ziolkowski

Course ID: 107676
2025 Fall (4 Credits)

The construct of Europe did not exist until 1600. Medieval Latin culture, omnis Latinitas, merged Greece and Rome, and absorbed elements of Judaism as Romanness was Christianized. Scandinavia and the Baltic were converted, Latinized, and made literate, after 1000. From being defensive, Western Christendom went on the offense. Spain was reconquered. Latin culture reached North Africa, Asia Minor, and the Mideast. The main cultural medium was the codex. Manuscripts distinguish the Middle Ages from papyrus scrolls and printed books. Latin was the main language for them. Look at the course title: text and context come from the Latin Middle Ages, introduction, medieval, Latin, literary, and culture from Latinity. This course samples verse and prose, lyric, epic, comedy, biography, commentary, and theology, from late antiquity to early modernity. It explores monks and mystics, saints and sinners, women writers, Alexander the Great and King Arthur, Charlemagne and Germanic heroes, Thomas Aquinas and scholasticism, and courts and universities. It attends to Medieval Latin studies as field, philology as discipline, and recent theories. The objective is deeper understanding of the past, wherever that leads.

Course Note: Intended for students of the Classics as well as for students of any aspect of the Middle Ages.

Latin 10, Medieval Latin 10, or equivalent experience; please consult with the Senior Preceptor in the Classics (livings@g.harvard.edu).

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Latin

HCOL: Foreign Lang Citation: Latin

Classics

CLASSIC 93

Course ID: 160358
2025 Fall (4 Credits)

Advanced Tutorial for Credit

No meeting time listed

Instructor Permission Required

David Elmer

Tutorial instruction for course credit open to candidates for honors who are qualified to do special reading projects in Greek and/or Latin.

FAS Divisional Distribution: Arts and Humanities

CLASSIC 93

Course ID: 160358
2026 Spring (4 Credits)

Advanced Tutorial for Credit

No meeting time listed

Instructor Permission Required

David Elmer

Tutorial instruction for course credit open to candidates for honors who are qualified to do special reading projects in Greek and/or Latin.

FAS Divisional Distribution: Arts and Humanities

CLASSIC 98

Course ID: 126109
2025 Fall (4 Credits)

Tutorial - Junior Year

R 0945 AM - 1145 AM

Instructor Permission Required

David Elmer

Topic: Limits of Knowledge

Close study of a topic in Greco-Roman civilization and/or literature, culminating in the preparation of a substantial research paper (ca. 20 pages). This is a junior tutorial.

Course Note: Required of all concentrators in the junior year.

FAS Divisional Distribution: Arts and Humanities

CLASSIC 98

Course ID: 126109
2026 Spring (4 Credits)

Tutorial - Junior Year

R 0300 PM - 0500 PM

Instructor Permission Required

David Elmer

Topic: The Connecting Sea

Close study of a topic in Greco-Roman civilization and/or literature, culminating in the preparation of a substantial research paper (ca. 20 pages). This is a junior tutorial.

Course Note: Required of all concentrators in the junior year.

FAS Divisional Distribution: Arts and Humanities

CLASSIC 98 (002)

Course ID: 126109
2025 Fall (4 Credits)

Tutorial - Junior Year

W 1200 PM - 0200 PM

Instructor Permission Required

David Elmer

Topic: Mothers and Daughters

Close study of a topic in Greco-Roman civilization and/or literature, culminating in the preparation of a substantial research paper (ca. 20 pages). This is a junior tutorial.

Course Note: Required of all concentrators in the junior year.

CLASSIC 98 (002)

Course ID: 126109

Tutorial - Junior Year

2026 Spring (4 Credits)

F 0945 AM - 1145 AM

Instructor Permission Required

David Elmer

Topic: Antiquity's Shifting Interface

Close study of a topic in Greco-Roman civilization and/or literature, culminating in the preparation of a substantial research paper (ca. 20 pages). This is a junior tutorial.

Course Note: Required of all concentrators in the junior year.

FAS Divisional Distribution: Arts and Humanities

CLASSIC 99A

Course ID: 111435

Tutorial - Senior Year

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

David Elmer

Tutorial instruction for course credit (in addition to ordinary tutorial instruction) is open only to candidates for honors writing a thesis in their senior year whose applications for such instruction have been approved by the Director of Undergraduate Studies. Students must complete both terms of this course (parts A and B) within the same academic year to receive credit.

Course Note: Divisible only with permission of the Director of Undergraduate Studies.

Full Year Course: Indivisible Course

FAS Divisional Distribution: None

CLASSIC 99B

Course ID: 159882

Tutorial - Senior Year

2025 Fall (4 Credits)

No meeting time listed

David Elmer

Tutorial instruction for course credit (in addition to ordinary tutorial instruction) is open only to candidates for honors writing a thesis in their senior year whose applications for such instruction have been approved by the Director of Undergraduate Studies. Part two of a two part series.

Course Note: Divisible only with permission of the Director of Undergraduate Studies.

Requires: Pre-requisite: CLASSIC 99A

Full Year Course: Indivisible Course

FAS Divisional Distribution: Arts and Humanities

CLASSIC 99B

Course ID: 159882

Tutorial - Senior Year

2026 Spring (4 Credits)

No meeting time listed

David Elmer

Tutorial instruction for course credit (in addition to ordinary tutorial instruction) is open only to candidates for honors writing a thesis in their senior year whose applications for such instruction have been approved by the Director of Undergraduate Studies. Part two of a two part series.

Course Note: Divisible only with permission of the Director of Undergraduate Studies.

Requires: Pre-requisite: CLASSIC 99A

Full Year Course: Indivisible Course

FAS Divisional Distribution: Arts and Humanities

CLASSIC 300
Direction of Doctoral Dissertations
No meeting time listed
Emma Dench

Course ID: 114000
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CLASSIC 300
Direction of Doctoral Dissertations
No meeting time listed
Emma Dench

Course ID: 114000
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CLASSIC 300 (003)
Direction of Doctoral Dissertations
No meeting time listed
Kathleen Coleman

Course ID: 114000
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CLASSIC 300 (003)
Direction of Doctoral Dissertations
No meeting time listed
Kathleen Coleman

Course ID: 114000
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CLASSIC 300 (006)
Direction of Doctoral Dissertations
No meeting time listed
Mark Schiefsky

Course ID: 114000
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CLASSIC 300 (006)
Direction of Doctoral Dissertations
No meeting time listed
Mark Schiefsky

Course ID: 114000
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CLASSIC 300 (007)

Direction of Doctoral Dissertations

No meeting time listed

Adrian Staehli

Course ID: 114000

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

CLASSIC 300 (007)

Direction of Doctoral Dissertations

No meeting time listed

Adrian Staehli

Course ID: 114000

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

CLASSIC 300 (009)

Direction of Doctoral Dissertations

No meeting time listed

Richard Thomas

Course ID: 114000

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

CLASSIC 300 (009)

Direction of Doctoral Dissertations

No meeting time listed

Richard Thomas

Course ID: 114000

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

CLASSIC 300 (010)

Direction of Doctoral Dissertations

No meeting time listed

Jan Ziolkowski

Course ID: 114000

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

CLASSIC 300 (010)

Direction of Doctoral Dissertations

No meeting time listed

Course ID: 114000

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

CLASSIC 300 (014)
Direction of Doctoral Dissertations
No meeting time listed
Paul Kosmin

Course ID: 114000
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CLASSIC 300 (014)
Direction of Doctoral Dissertations
No meeting time listed

Course ID: 114000
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CLASSIC 300 (019)
Direction of Doctoral Dissertations
No meeting time listed
Susanne Ebbinghaus

Course ID: 114000
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CLASSIC 300 (019)
Direction of Doctoral Dissertations
No meeting time listed

Course ID: 114000
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CLASSIC 300 (035)
Direction of Doctoral Dissertations
No meeting time listed
Irene Soto Marin

Course ID: 114000
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CLASSIC 300 (035)
Direction of Doctoral Dissertations
No meeting time listed
Irene Soto Marin

Course ID: 114000
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

CLASSIC 301 (030) Reading or Topics Course <i>No meeting time listed</i> <i>Margaret Andrews</i>	Course ID: 113024 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
CLASSIC 302 Special Examinations Direction <i>No meeting time listed</i> <i>Emma Dench</i>	Course ID: 111873 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
CLASSIC 302 Special Examinations Direction <i>No meeting time listed</i> <i>Emma Dench</i>	Course ID: 111873 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
CLASSIC 302 (003) Special Examinations Direction <i>No meeting time listed</i> <i>Kathleen Coleman</i>	Course ID: 111873 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
CLASSIC 302 (003) Special Examinations Direction <i>No meeting time listed</i> <i>Kathleen Coleman</i>	Course ID: 111873 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
CLASSIC 302 (009) Special Examinations Direction <i>No meeting time listed</i> <i>Richard Thomas</i>	Course ID: 111873 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
CLASSIC 302 (009) Special Examinations Direction <i>No meeting time listed</i> <i>Richard Thomas</i>	Course ID: 111873 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
CLASSIC 302 (012) Special Examinations Direction <i>No meeting time listed</i> <i>Rachel Love</i>	Course ID: 111873 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
CLASSIC 302 (012) Special Examinations Direction <i>No meeting time listed</i> <i>Rachel Love</i>	Course ID: 111873 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
CLASSIC 302 (014) Special Examinations Direction <i>No meeting time listed</i> <i>Paul Kosmin</i>	Course ID: 111873 2025 Fall (4 Credits) <i>Instructor Permission Required</i>

CLASSIC 302 (014)	Course ID: 111873
Special Examinations Direction	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Paul Kosmin</i>	

CLASSIC 302 (017)	Course ID: 111873
Special Examinations Direction	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Naomi Weiss</i>	

CLASSIC 302 (017)	Course ID: 111873
Special Examinations Direction	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Naomi Weiss</i>	

CLASSIC 302 (033)	Course ID: 111873
Special Examinations Direction	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Irene Peirano Garrison</i>	

CLASSIC 302 (033)	Course ID: 111873
Special Examinations Direction	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Irene Peirano Garrison</i>	

CLASSIC 302 (034)	Course ID: 111873
Special Examinations Direction	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Emily Greenwood</i>	

CLASSIC 302 (034)	Course ID: 111873
Special Examinations Direction	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Emily Greenwood</i>	

CLASSIC 303	Course ID: 208346
Research and Teaching	2025 Fall (2 Credits)
<i>No meeting time listed</i>	
<i>Alexander Riehle</i>	

FAS Divisional Distribution: None

CLASSIC 303	Course ID: 208346
Research and Teaching	2026 Spring (2 Credits)
<i>No meeting time listed</i>	
<i>Alexander Riehle</i>	

FAS Divisional Distribution: None

CLASSIC 350

Classics Proseminar

F 0945 AM - 1145 AM

Alexander Riehle

Course ID: 113591

2025 Fall (4 Credits)

Instructor Permission Required

This class aims to provide a basic introduction for beginning graduate students to the history, methods, and theories of Classics. Students will have the opportunity to learn about the specialized subfields and material resources pertinent to the study of ancient Greece and Rome at Harvard and beyond. In addition, the course lays a solid foundation for a thriving graduate career by introducing students to the wider network of resources, programs, and research cultures available to GSAS students.

Course Note: For new students working toward the PhD in the Department of the Classics. Open to other students by permission of instructor.

FAS Divisional Distribution: None

CLASSIC 360

Teaching Colloquium

F 0300 PM - 0500 PM

Ivy Livingston

Course ID: 108588

2025 Fall (4 Credits)

Instructor Permission Required

Ancient Studies

ANCSTD 201

Movement and Migration in the Ancient Mediterranean

T 0945 AM - 1145 AM

Margaret Andrews, Giovanni Bazzana

Course ID: 215990
2026 Spring (4 Credits)

Instructor Permission Required

People often have a hard time staying put, and this course asks why. It will scrutinize the phenomena of movement, mobility, and migration across the ancient Mediterranean world through textual, visual, and material evidence. It will look at both individual and collective movement and the various stimuli that encouraged both. Religion will feature prominently, as we study sanctuaries, ceremonies, and rituals that inspired movement or mobility at either the local, regional, or imperial level. More social questions related to migration will examine the historical evidence for large-scale demographic displacement and its causes, but we will also incorporate relevant data produced by recent advances in archaeological science. By focusing on movement and migration in the ancient Mediterranean, this course provides an interdisciplinary, multi-methodological introduction to a significant aspect of human societies, both ancient and modern. The seminar will invite graduate students to reflect on the pedagogical challenge of constructing a course geared towards undergraduates on the theme of the class (by focusing on hands-on exercises about instructional choices, syllabus construction, assignment selection, and so on).

FAS Divisional Distribution: Social Sciences

Comparative Literature

Comparative Literature

COMPLIT 91R (TUT)

Supervised Reading and Research

No meeting time listed

Sandra Naddaff

Course ID: 109021
2025 Fall (4 Credits)

Instructor Permission Required

A graded, supervised course of reading and research to be conducted by a person approved by the Director of Undergraduate Studies.

Course Note: Permission of Director of Undergraduate Studies required.

FAS Divisional Distribution: Arts and Humanities

COMPLIT 91R (TUT)

Supervised Reading and Research

No meeting time listed

Sandra Naddaff

Course ID: 109021
2026 Spring (4 Credits)

Instructor Permission Required

A graded, supervised course of reading and research to be conducted by a person approved by the Director of Undergraduate Studies.

Course Note: Permission of Director of Undergraduate Studies required.

FAS Divisional Distribution: Arts and Humanities

COMPLIT 97 (TUT)

Tutorial - Sophomore Year

T 0945 AM - 1145 AM

Matylda Figlerowicz

Course ID: 114038
2026 Spring (4 Credits)

Instructor Permission Required

If you're taking this course, it means Comparative Literature is your concentration or your secondary field. Welcome to the discipline! But what does it mean to be a comparatist? This spring, we will wander together through the different paths Comparative Literature offers. This is a course on history and methods. We will trace how the understanding of what it means to compare has changed through time and space. We will examine the

sociopolitical roots of the discipline and think together with the intellectuals who shaped its different stages. To tell the stories of the discipline is, of course, also to inquire into its methods. We will experiment with different analytical modes, and see how they allow us to interact with literary texts. And we will explore theoretical and critical possibilities of both grounding and expanding our readings.

FAS Divisional Distribution: Arts and Humanities

COMPLIT 98A

Course ID: 112485

Tutorial - Junior Year

2025 Fall (4 Credits)

W 0600 PM - 0800 PM

Instructor Permission Required

Sandra Naddaff

An individualized course of study designed by junior concentrators in Comparative Literature to explore specific interests and fields, and ordinarily directed by a member of the Tutorial Board. Open to concentrators only. This is a junior tutorial.

FAS Divisional Distribution: Arts and Humanities

COMPLIT 98B (TUT)

Course ID: 110809

Tutorial - Junior Year

2026 Spring (4 Credits)

W 0600 PM - 0800 PM

Instructor Permission Required

Sandra Naddaff

A continuation of Literature 98a, focusing on the student's special field of study. Open to concentrators only. This is a junior tutorial.

FAS Divisional Distribution: Arts and Humanities

COMPLIT 99A

Course ID: 114294

Tutorial - Senior Year

2025 Fall (4 Credits)

W 0600 PM - 0800 PM

Instructor Permission Required

Sandra Naddaff

An individualized course of study for senior concentrators in Comparative Literature that focuses on the senior thesis project. Open to concentrators only.

FAS Divisional Distribution: Arts and Humanities

COMPLIT 99B (TUT)

Course ID: 110623

Tutorial - Senior Year

2026 Spring (4 Credits)

W 0600 PM - 0800 PM

Instructor Permission Required

Sandra Naddaff

A continuation of Literature 99a, including preparation for the oral examinations. Open to concentrators only.

FAS Divisional Distribution: Arts and Humanities

COMPLIT 100X (LEC)

Course ID: 220270

Introduction to German Literature, History, and Thought

2026 Spring (4 Credits)

M 0900 AM - 1145 AM

John T. Hamilton

A survey course on major works in German literature, philosophy, and critique from the mid-eighteenth century to the twentieth century. Close reading of representative texts opens onto broader ramifications in cultural and intellectual history with further consideration of societal and political tensions.

COMPLIT 109X (SEM)**In My Own Words: Self-Translation as Method**

R 0945 AM - 1145 AM

*Ursula Friedman*Course ID: 226261
2025 Fall (4 Credits)

Self-Translation as Method investigates the process, aesthetics, and politics of literary self-translation and transmediation worldwide. Self-translation refers to the process through which authors translate their own writing into another language; such a translation may be undertaken at the same time as the original is composed or long after it is completed, but it always represents a self-reflexive relationship between the author and their own work. Because the self-translator has access to the original's authorial intentions, they are empowered to take creative liberties that a conventional translator might shy away from. Through these creative liberties, self-translators enrich the cultural capital of both their native and adopted language and culture. Self-translation, in this way, often involves writing oneself into world literature, creating cosmopolitan palimpsests that reveal, in their dialogue with diverse cultural traditions, the nonlinear forms of modernity. In this course, we will delve into case studies of self-translation from East Asia, East Africa, Latin America, North America, and Italy. We will also investigate the implications of self-transmediation, which occurs when an author adapts their own work into another medium, transporting that work from the page to the stage to the screen, for instance. For the final assignment, students will produce their own work of self-translation or transmediation.

FAS Divisional Distribution: Arts and Humanities

COMPLIT 110X (LEC)**What Is a Novel?**

M 0300 PM - 0500 PM

*David Damrosch*Course ID: 222724
2026 Spring (4 Credits)

The novel has been described as the quintessential literary form of modernity, but do we know what a novel actually is? And is it just a modern form? In this seminar we will look at a range of pathbreaking works that have bent the norms of prose fiction and have opened up new ways of understanding the world, from antiquity to the present. Readings will include selections from *The Odyssey*, *The Tale of Genji*, and *Don Quixote*, together with a range of modern novels, informed by several important statements on the novel, especially by the writers themselves.

FAS Divisional Distribution: Arts and Humanities

COMPLIT 112X (SEM)**Sinophone Sci-Fi: Reparative Co-Futures**

T 0300 PM - 0500 PM

*Ursula Friedman*Course ID: 224602
2025 Fall (4 Credits)

How does modern Sinophone sci-fi reveal the "dark side" of China's rise to power? How does Sinophone speculative fiction and its transmediated afterlives chart a reparative vision in the face of ongoing ecological and political crises? How do memories of past traumas intersect with future catastrophes in short stories and novels by Sinophone creators? How does speculative fiction produced by women and nonbinary creators forge an alternative path for human-AI collaboration? How do queer, transgressive, and non-human desires coalesce into a flora-fauna-AI symbiosis? How does contemporary Sinophone sci-fi advance inclusive futures for queer, crip, rural, neurodiverse, non-Han, and otherwise disenfranchised individuals in the face of ongoing exploitation? How do translators of Chinese-sci-fi employ a reparative praxis to transmediate trauma for global audiences? In this course, we encounter an array of sci-fi and speculative fiction authored by Ken Liu, Cixin Liu, Han Song, Regina Kanyu Wang, Hao Jingfang, Xia Jia, Gu Shi, Wang Nuonuo, and Chu Xidao, alongside selections by Jorge Luis Borges, Adolfo Bioy Casares, Italo Calvino, Octavia Butler, Margaret Atwood, Ursula K. LeGuin, Ray Bradbury, and Isaac Asimov (reading selections subject to change). We will also examine multimedia adaptations of contemporary Chinese sci-fi, examining the work's evolution from page to screen to stage. All readings will be available in English and films will be available either dubbed or with English subtitles. By engaging with material through a variety of written, oral, and multimedia responses, you will co-create reparative futures alongside these speculative creators.

FAS Divisional Distribution: Arts and Humanities

COMPLIT 116X (SEM)

Humanity, Technology, and Creation

W 0300 PM - 0545 PM

Maira Weigel

Course ID: 226528
2026 Spring (4 Credits)

In recent years, it has become commonplace to hear that new technologies are threatening humanity—that "we" must struggle to "stay human" in the face of novel threats ranging from autonomous weapons to addictive social media apps and gene editing to generative AI. At the same time, the "AI boom" has raised profound questions about creativity as an essentially human trait and inspired widespread concern about AI impacts on human and nonhuman environments—or all creation. Observers often describe the moral and existential challenges that such innovations present as new and unprecedented. But, in fact the concern is at least several centuries old. Drawing on canonical works of literature, philosophy, and cinema, this course will offer an introduction to the long history of thinking about, and working with, new technologies in the arts and humanities. In addition to close reading and analysis, students will engage in a series of "critical making" projects using historical artifacts housed in Harvard's collections and brand-new generative AI tools developed specifically for us. The final assignment will be a short paper that reflects on one of these creative endeavors and connects it to course themes.

FAS Divisional Distribution: Arts and Humanities

COMPLIT 121 (SEM)

From the 1001 Nights to the Arabian Nights: Adaptation, Transformation, Translation

R 1200 PM - 0245 PM

Sandra Naddaff

Course ID: 123897
2026 Spring (4 Credits)

Examines how the 1001 Nights, popularly known in the West as the Arabian Nights, is transformed and adapted for different media and genres. Focuses on a variety of films, (e.g., *The Thief of Baghdad*, *Chu Chin Chow*, *Aladdin*), illustrations/images (e.g., Doré, Chagall, Matisse), musical and balletic renditions (e.g., Rimsky-Korsakov, Fokine), translations (e.g., Galland, Lane, Burton, Haddawy), and re-tellings of stories (e.g., Poe, Barth, Mahfouz, Sebbar, Zimmerman). Also considers the role of the 1001 Nights in contemporary popular culture.

FAS Divisional Distribution: Arts and Humanities

COMPLIT 123X (SEM)

On Stolen Land: Indigenous Latin America in 20th and 21st Century Literature

T 0945 AM - 1145 AM

Matylda Figlerowicz

Course ID: 226258
2025 Fall (4 Credits)

This course looks at contemporary Indigenous Latin America through literature. It focuses primarily on texts written by Indigenous authors in different genres and languages; and it includes some texts depicting Indigenous peoples from other vantage points, whether it's in attempts to build solidarity or to revisit historical accounts of national formation—we will ask to what effect. We will analyze the texts' genre structures and aesthetic devices, as well as situate them in a broader set of literary conversations and traditions. Throughout the course, we will discuss the political stakes of the literary texts we read. We will see the works operate in many ways: for instance, they may build power and resistance, bear witness to the brutalization of Indigenous peoples, or uphold narratives of Indigenous erasure. Land is constantly present in the texts as a position of enunciation, a site of struggle, and a topic of reflection. And so, we will ask: what does it mean to write on stolen land?

FAS Divisional Distribution: Arts and Humanities

COMPLIT 145 (SEM)

Prize-Winning Translations, 2010-2020

F 1200 PM - 0245 PM

Luke Leafgren

Course ID: 222886
2026 Spring (4 Credits)

In this course, students will read English translations of novels that have won major prizes. In addition to exploring themes of contemporary literature from around the world, special attention will be paid to the role of translation in shaping the work and its reception, and to the question of what makes for a prize-winning translation. Each week students will read a prize-winning translation alongside reports from the prize committee, reviews of the translation, and what the translators say about their work. Assignments: Write a 2000-word analysis of the translation decisions in a novel translation, with reference to the source text and to the translator's stated goals, if available. Write a 1000-word book review of a translated novel, including a discussion of the translation. Imagine that you are one the committee for one of the prize-winning novels we have read. Write a 2000-word argument for one of the short-listed titles to be chosen in its place. This course satisfies the Arts & Humanities distribution requirement, counts towards the Secondary in Translation Studies, and may be taken pass/fail upon application. Reading knowledge of one language in addition to English is required.

FAS Divisional Distribution: Arts and Humanities

COMPLIT 153X (SEM)

The Cinema of Stanley Kubrick

T 0600 PM - 0800 PM

Justin Weir

Course ID: 226452
2026 Spring (4 Credits)

This course reviews the influential major films of Stanley Kubrick—*Paths of Glory* (1957), *Lolita* (1962), *Dr. Strangelove* (1964), *2001: A Space Odyssey* (1968), *A Clockwork Orange* (1971), *Barry Lyndon* (1975), *The Shining* (1980), *Full Metal Jacket* (1987), and *Eyes Wide Shut* (1999), among other earlier films and his unfinished project *A.I. Artificial Intelligence* (dir. Spielberg 2001). The films will be considered in their historical, cultural, and film studies contexts. Topics include Cold War politics, literary adaptation, the depiction of violence on screen, and the relationship between popular culture and scholarship. We will pay special attention to Kubrick's interest in war, science fiction, and technology, including artificial intelligence. 35mm screenings of the films will be held at the Harvard Film Archive as part of this course. No prerequisites.

COMPLIT 156 (LEC)

Songmaking and the Idea of Lyric

M 0300 PM - 0500 PM

Gregory Nagy

Course ID: 212724
2026 Spring (4 Credits)

A re-examination of "Lyric" as occasion as well as genre. Central questions to be explored will include: how do the "lyrics" of composed song come alive in performance? For example, how do the two librettists of Puccini's opera *La Bohème* contribute to the making of a masterpiece in song? Shared readings include *The Lyric Theory Reader: A Critical Anthology*, edited by Virginia Jackson and Yopie Prins. Students are free to select as their focus of research any particular "lyric" traditions, composed in whatever language. No previous knowledge of literary theory is presumed.

FAS Divisional Distribution: Arts and Humanities

COMPLIT 157 (SEM)

From Type to Self in the Middle Ages

W 1200 PM - 0245 PM

Luis Giron Negron

Course ID: 112654
2026 Spring (4 Credits)

It has been argued that the poetic "I" in premodern literatures is not a vehicle for self-representation, but an archetype of the human. The course will examine this thesis against the rise of autobiographical writing in medieval and early modern Europe. Readings include spiritual autobiographies (Augustine, Kempe, Teresa of Ávila), letter collections (Abelard and Heloise), Arabic and Hebrew *maqama* literature, Provençal troubadour lyric, Hispano-Jewish poetry (Samuel ha-Nagid, Judah Halevi, Solomon ibn Gabirol), prison poetry (Jacopone da Todi, al-Mutamid of Seville, François Villon), pilgrimage narratives, travel literature, Petrarch, Dante (*Vita nuova* and selections of the *Commedia*), Ibn Ḥazm of Córdoba, Latin American chronicles, and the picaresque novel (*Lazarillo de Tormes*). Theoretical perspectives by Spitzer, Lejeune, Zumthor, and DeCerteau.

Course Note: This course counts for the Romance Studies track in the Department of Romance Languages and Literatures.

FAS Divisional Distribution: Arts and Humanities

COMPLIT 166X (SEM)

Calvino and Computation

F 0945 AM - 1145 AM

Jeffrey Schnapp

Using as its point of departure Italo Calvino's essay *Cybernetics and Ghosts*, the course explores combinatorial and computational approaches to creative practice in the context of Surrealism, Oulipo, and the Programmed Art movement of the 1960s and 1970s. The central focus will be on Calvino's own experiments from *The Castle of Crossed Destinies* (1969) to *Invisible Cities* (1972), but readings will also include selections from the Italian Structuralist canon like Umberto Eco's *The Absent Structure* (1968) and from proximate authors such as Gianni Rodari and Bruno Munari.

Course ID: 226338
2026 Spring (4 Credits)

COMPLIT 183 (SEM)

Global Media

MW 1030 AM - 1145 AM

Moirá Weigel

In this course we will examine how media and communication technologies both drive and depict the complex set of processes known as globalization. We will explore case studies from sixteenth century maps to twenty-first century supply chains, as well as Huallywood, Hollywood, Bollywood, and Nollywood films. In the process, we will grapple with major questions and tensions that have defined the modern era. Why have human societies become more closely connected over the past few centuries than at any prior time in human history? How has this interdependence changed the ways that we understand ourselves and one another? What new visions and freedoms has it created? Why has it made us more unequal than ever before? By the end of the semester, students will have gained skills necessary for analyzing media that are produced and consumed across national and linguistic borders. You will have earned familiarity with a number of key analytical and historical categories that will prepare you for advanced coursework in the humanities and social sciences. And you will have applied and developed course concepts and skills through both creative and critical projects. Above all, you will have learned new ways of thinking. Today, when the words on this page can reach you after traveling, as data packets, through undersea cables or outer space satellites, all media are global. At the same time, increasingly ubiquitous networked computation has turned almost everything on earth into a medium of data. Throughout this course, we will seek to unsettle what we think we know about who, and where, we are—gaining insights into how our lives connect to others, past and present, near and far.

Course ID: 224735
2026 Spring (4 Credits)

FAS Divisional Distribution: Arts and Humanities

COMPLIT 190X (SEM)

Translation and the Craft of Reading Carefully: A World Literature

Introduction

TR 0130 PM - 0245 PM

Spencer Lee-Lenfield

We read a range of historically important works of literature from around the world—twice! We read everything carefully in more than one translation to learn the art of rereading, as well as how to enjoy and critique translations, not just read "through" them. We also learn about the structure of a range of languages, and think about how those languages shape their literatures. This is a great class to take if you're thinking about learning a new language in the future. It's also a good entryway to other literature and language classes for first- and second-year students, as well as for students concentrating in fields outside the humanities. Through a sequence of assignments in analyzing what translations do, we hone your writing for clarity, economy, and logic. This course also counts toward the Secondary Field in Translation Studies. Taught in English; no other languages required (just curiosity).

Course ID: 226431
2026 Spring (4 Credits)

COMPLIT 193 (SEM)

What's Love Got to Do With It; Love Poetry of the Middle Ages and Early Modernity

W 0900 AM - 1145 AM

Course ID: 108791
2025 Fall (4 Credits)

Does love have a history? This course will explore a particularly rich, multiseular episode in the literary history of this emotion: the efflorescence and varieties of love poetry, both lyrical and narrative, in Europe and the Middle East from the Middle Ages through the 16th century. Weekly discussions will center on close readings of selected love poems and versified narratives from a variety of literary traditions, including: Provençal troubadour lyric; French chansons, the Germanic Minnesang and the Galician-Portuguese cantigas (the question of amour courtois); Ibero-Romance and colloquial Arabic jarchas; the Italian dolce stil novo; the Petrarchan sonnet and its early modern heirs in Portugal, England and Spain; Arabo-Andalusian and Hispano-Jewish qasā'id and muwashshahāt, medieval Latin love lyric; Persian Sufi and Christian mystical love poetry; Dante's Vita nuova; and selections from two other erotological classics in narrative verse, Libro de buen amor and Roman de la Rose. Discussions will be framed by an overview of both premodern discussions on love – how love is conceptualized at the intersection of philosophy, theology and medicine by Jewish, Christian and Muslim thinkers– and contemporary scholarly debates on the origins and development of medieval love literature.

Course Note: Offered jointly with the Divinity School as 3725.

FAS Divisional Distribution: Arts and Humanities

COMPLIT 204X (WRK)

Writing Workshop

M 0600 PM - 0800 PM

Matylda Figlerowicz

Course ID: 226451

2025 Fall (4 Credits)

Instructor Permission Required

This bi-weekly writing workshop is designed as a space to practice writing and presenting in different academic genres: such as journal articles, job market materials, conference presentations, or job talks. We will have each participant submit one chosen piece each semester, and discuss two pieces at each session; written texts will be circulated beforehand, and talks can be presented during the session. Everyone will offer feedback for each other's work, which we will discuss during our meetings. While the workshop will primarily allow the participants to practice these professional genres, it can also serve as a motivation to stay on track with one's own writing goals, and a way to get experience with giving feedback to others' work.

FAS Divisional Distribution: Arts and Humanities

COMPLIT 204X (WRK)

Writing Workshop

M 0600 PM - 0800 PM

Matylda Figlerowicz

Course ID: 226451

2026 Spring (4 Credits)

Instructor Permission Required

This bi-weekly writing workshop is designed as a space to practice writing and presenting in different academic genres: such as journal articles, job market materials, conference presentations, or job talks. We will have each participant submit one chosen piece each semester, and discuss two pieces at each session; written texts will be circulated beforehand, and talks can be presented during the session. Everyone will offer feedback for each other's work, which we will discuss during our meetings. While the workshop will primarily allow the participants to practice these professional genres, it can also serve as a motivation to stay on track with one's own writing goals, and a way to get experience with giving feedback to others' work.

COMPLIT 207 (SEM)

Theorizing Digital Capitalism

R 0300 PM - 0545 PM

Moirá Weigel

Course ID: 224734

2025 Fall (4 Credits)

Instructor Permission Required

Since at least the nineteenth century, computation and capitalism have co-evolved with each other. In many respects, computers have served the interests of capital, by creating new modes of accumulation and means of automating, managing, and outsourcing labor, as well as new tools for researching, advertising to, and transacting with customers. However, computers have also been described as fundamentally changing or even overcoming capitalism—both for better and for worse. Theorists have credited computers with eliminating work or turning it into play and transforming market exchanges into gift exchanges. Contemporary platforms and artificial intelligence inspire dreams of "fully automated luxury communism" and fears that law and contracts are being replaced by code and neo-colonial or neo-feudal forms of coercion. In this seminar, we will engage with an outpouring of recent scholarship that attempts to describe and theorize digital capitalism and culture, pairing recent texts with excerpts from canonical works that their authors cite and build upon. In the process, students

will gain exposure to key concepts, debates, and methods in the emerging field(s) of critical data studies, new media studies, and platform studies. We will also reflect upon the nature and purpose of theorizing. A series of assignments and workshops over the course of the semester will guide students through the process of identifying a promising research topic, reviewing scholarly literature, articulating an original research question, and writing a review essay or research paper.

FAS Divisional Distribution: Arts and Humanities

COMPLIT 212 (LEC)

Literature on Trial: Kafka in Paris

W 1245 PM - 0245 PM

John T. Hamilton

A close study of Kafka's major stories and novels, and how this body of work was received, explicated and interpreted by key figures in post-war France. Relevant excerpts from Kafka's diaries and correspondence supplement the primary texts, as well as discussions relating to French Existentialism, the Student Movement, and Post-Structuralism.

Course ID: 108984
2025 Fall (4 Credits)

FAS Divisional Distribution: Arts and Humanities

COMPLIT 221X (SEM)

I Forget: Memory Studies and Cold War Literature

W 0300 PM - 0500 PM

Matylda Figlerowicz

Remembering and forgetting, evoking and overlooking: they are parts of our everyday life, as well as practices that cement cultures, traditions, and our ideas of self. This course explores the connections between literature and memory. It looks at a period of particular global conflict over memory, when after the end of World War II, the world moves into the decades of the Cold War. We ask how literature participates in the construction of memory and how it sheds light on different sorts of vulnerability and abuses of memory. In what different roles does literature put us as readers in order to compel us to keep memory alive, participate in its construction, or be tempted into forgetfulness? Through literary and theoretical texts, we will discuss the role of literature in narrating tragic and overwhelming experiences, which hardly find their place in language. We will look at the ways in which past and its evocation can be--deliberately or not--distorted, censored, and used for political aims. And we will reflect on everyday practices of trying to keep memory alive, or trying to forget.

Course ID: 226269
2026 Spring (4 Credits)

COMPLIT 226 (SEM)

Peripheral Modernisms

M 0300 PM - 0500 PM

David Damrosch

Recent years have seen attempts to rethink modernism as a global phenomenon rather than a mostly Anglo-American and West European movement. Center-periphery relations have often been foregrounded in these efforts, and in critiques of them. Building on theoretical statements by Jorge Luis Borges, Oswald de Andrade, Pascale Casanova, Susan Stanford Friedman, Franco Moretti, and Roberto Schwarz, this seminar will explore the politics of language, representation, and center-periphery relations in works by Multatuli, Machado de Assis, Akutagawa, Higuchi Ichiyo, James Joyce, Pramodya Ananta Toer, Lu Xun, Eileen Chang, Franz Kafka, Djuna Barnes, Miguel Angel Asturias, Borges, Julio Cortázar, and Clarice Lispector.

Course ID: 207621
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Arts and Humanities

COMPLIT 233X (SEM)

Pioneers of Desolation: Eileen Chang and Katherine Mansfield

R 0945 AM - 1145 AM

Ursula Friedman

Eileen Chang (1920-1995), dubbed "the Greta Garbo of modern Chinese letters" and "the pioneer of desolation",

Course ID: 226272
2026 Spring (4 Credits)

is known for her acerbic psychological forays into her characters' inner turmoil during times of war and upheaval. This course pairs Chang with the New Zealand writer Katherine Mansfield (1888-1923), known for her strikingly modernist short stories and poems delving into her characters' inner psychology. Though the two never met in person, Chang had likely encountered Mansfield's works through a translation rendered by Xu Zhimo (1897-1931). Both authors describe natural images with poetic lyricism, internalize conflict, employ symbolic motifs to externalize emotion, and use writing to dispel personal and national trauma. In this course, we will pair excerpts from Mansfield's *Bliss* and *Other Stories* (1920) and *The Garden Party* and *Other Stories* (1922) with Eileen Chang's *Love in a Fallen City* (1943/2007) and *Lust, Caution* (1979). All readings and discussions will be conducted in English.

COMPLIT 234A (SEM)

Course ID: 220628
2025 Fall (4 Credits)

Black Classicisms: A Research Seminar and Pedagogy Workshop

W 0300 PM - 0500 PM

Emily Greenwood

This course will examine uses of ancient Greek and Roman Classics in the literatures, arts, and thought of Africa and the Black diaspora. We will analyze how African and black diasporic authors and intellectuals have engaged with, revised, and re-imagined the classics of ancient Greece and Rome, both to expose and critique discourses of racism, imperialism, colonialism, and white supremacy, and as a rich source of radical self-expression. At the same time, we will study the emergence of scholarship on black classicisms in the last thirty years and the theoretical underpinnings of this field. The course is offered as a research seminar with an incorporated pedagogy workshop: one of the coursework assignments is to develop a syllabus for a course on an aspect of Black classicisms that you might teach in the future and seminar discussions will involve short segments on pedagogy. The syllabus is arranged thematically, taking in uses of Classics in literature, art, journalism, and politics. Writers, artists, and politicians whose work and ideas we will study include Phillis Wheatley, William Sanders Scarborough, Anna Julia Cooper, Mary Church Terrell, W.E.B. Du Bois, Romare Bearden, Gwendolyn Brooks, Ralph Ellison, Toni Morrison, Rita Dove, Hastings Kamuzu Banda, Ola Rotimi, Athol Fugard, John Kani, and Winston Ntshona, Wole Soyinka, C.L.R. James, Eric Williams, Aimé Césaire, Derek Walcott, Kamau Brathwaite, Austin Clarke, Marlene NourbaSe Philip, Dionne Brand, and Edwidge Danticat. In addition to works by individual authors we will also consider the circulation of Greek and Roman classical myths, history, and thought in vernacular cultures. Throughout, we will be attentive to the relationship between national contexts and transnational histories and networks, and the phenomenon of classical appropriation in invented modern traditions.

FAS Divisional Distribution: Arts and Humanities

COMPLIT 244 (SEM)

Course ID: 203240
2026 Spring (4 Credits)

On Imagination: From Plato to postmodernism

W 0945 AM - 1145 AM

Panagiotis Roilos

This seminar explores the development of the concept of imagination in diverse premodern and modern philosophical/theoretical and literary contexts. Emphasis will be placed on Plato, Aristotle, the Neoplatonic philosophers, medieval Christian readers of antiquity, Kant, Fichte, the Romantics, Lacan, Iser, Todorov, and Castoriadis. This seminar will also develop an interdisciplinary approach to the topic by drawing on cognitive sciences and cognitive anthropology.

FAS Divisional Distribution: Arts and Humanities

COMPLIT 278 (SEM)

Course ID: 216046
2025 Fall (4 Credits)

Hyperreality

W 0945 AM - 1145 AM

Panagiotis Roilos

The crisis of representation in postmodernity—closely connected with social and existential alienation and technological development—often manifests itself in terms of "hyperreality," where any distinction between "the real" and "the simulacrum" is blurred. The boundaries between "reality" and "non-reality" and relevant concepts (e.g. originality, authenticity, mimesis, simulacrum) have been explored and challenged from different but comparable perspectives in philosophy, art, and literature since classical antiquity. This seminar will investigate discourses on, or inspired by "hyperreality" and its epistemological, ontological, and political implications, from

antiquity to postmodernity. Authors and thinkers to be discussed include Plato, Descartes, Schopenhauer, Jean Baudrillard, Guy Debord, Gilles Deleuze, Félix Guattari, Umberto Eco, Fredric Jameson, Paul Virilio, Bruno Latour, Elizabeth Grosz, Niklas Bostrom, Lucian, Pedro Calderón de la Barca, Franz Kafka, Jorge Luis Borges, William Gibson, Philip K. Dick, Christine Broke-Rose, Italo Calvino, Don DeLillo, Julian Barnes.

FAS Divisional Distribution: Arts and Humanities

COMPLIT 290X (SEM)

Law, Literature, and Media

R 0300 PM - 0500 PM

Homi Bhabha

Course ID: 226268
2026 Spring (4 Credits)

COMPLIT 291X (SEM)

Questions of Theory

F 0900 AM - 1145 AM

Jeffrey Schnapp, John T. Hamilton

Course ID: 226339
2025 Fall (4 Credits)

Instructor Permission Required

The seminar is built around a sequence of fundamental questions regarding the literary disciplines and media studies, their history and epistemology. Discussions are instigated by readings in philology, stylistics, the history of ideas, semiotics, structuralism, psychoanalysis, post-structuralism, film and media theory, genetic criticism, literary sociology, cultural studies, and digital humanities.

FAS Divisional Distribution: Arts and Humanities

COMPLIT 299AR (SEM)

Comparative Literature in Theory and Practice

T 0945 AM - 1145 AM

David Damrosch

Course ID: 111650
2026 Spring (4 Credits)

Instructor Permission Required

An introduction to the discipline of comparative literature, looking at major issues in the history and current practice of the discipline as practiced in the USA, with special emphasis on seeing how comparatists enter into ongoing debates concerning theory and method. Several of our faculty will join us for the discussion of their work. Additional readings will include selections from Herder, de Staël, Adorno, Auerbach, de Man, Glissant, Said, Spivak, Apter, Venuti, and Heise.

Course Note: Required of first-year graduate students in Comparative Literature; open to all graduate students interested in the study of literature in transnational and interdisciplinary perspectives.

FAS Divisional Distribution: Arts and Humanities

COMPLIT 343AA (SEM)

Professing Literature 1

T 0600 PM - 0800 PM

John T. Hamilton

Course ID: 110069
2025 Fall (2 Credits)

Instructor Permission Required

This course focuses on professional development and preparation for academic careers in literature and related fields as well as positions outside academe. Part one of a two-part series. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Note: It is open to all Harvard graduate students and is required of first-year Ph.D. students in Comparative Literature.

Full Year Course: Indivisible Course

FAS Divisional Distribution: None

COMPLIT 343AB (SEM)

Course ID: 160536
2026 Spring (2 Credits)

Professing Literature 1

T 0600 PM - 0800 PM

John T. Hamilton

This course focuses on professional development and preparation for academic careers in literature and related fields as well as positions outside academe. Part two of a two-part series. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Note: It is open to all Harvard graduate students and is required of first-year Ph.D. students in Comparative Literature

Requires: Pre-requisite: COMPLIT 343AA

FAS Divisional Distribution: None

Full Year Course: Indivisible Course

COMPLIT 343BA (SEM)

Course ID: 160582
2025 Fall (2 Credits)

Professing Literature 2

T 0600 PM - 0800 PM

John T. Hamilton

This course focuses on professional development and preparation for academic careers in literature and related fields as well as positions outside academe. It is open to all Harvard graduate students and is required of second-year Ph.D. students in Comparative Literature. Part one of a two-part series. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Note: It is open to all Harvard graduate students and is required of second-year Ph.D. students in Comparative Literature.

Full Year Course: Indivisible Course

FAS Divisional Distribution: None

COMPLIT 343BB (SEM)

Course ID: 160583
2026 Spring (2 Credits)

Professing Literature 2

T 0600 PM - 0800 PM

John T. Hamilton

This course focuses on professional development and preparation for academic careers in literature and related fields as well as positions outside academe. Part two of a two-part series. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Note: It is open to all Harvard graduate students and is required of second-year Ph.D. students in Comparative Literature.

Requires: Pre-requisite: COMPLIT 343BA

Full Year Course: Indivisible Course

FAS Divisional Distribution: None

COMPLIT 343CA (SEM)

Course ID: 160670
2025 Fall (2 Credits)

Professing Literature 3

T 0600 PM - 0800 PM

John T. Hamilton

This course focuses on professional development and preparation for academic careers in literature and related fields as well as positions outside academe. Part one of a two-part series. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Note: Open to all Harvard graduate students interested in literature and required of all third-year students in the Comparative Literature PhD program.

FAS Divisional Distribution: None

Full Year Course: Indivisible Course

COMPLIT 343CB (SEM)

Professing Literature 3

T 0600 PM - 0800 PM

John T. Hamilton

This course focuses on professional development and preparation for academic careers in literature and related fields as well as positions outside academe. Part two of a two-part series. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Note: Open to all Harvard graduate students interested in literature and required of all third-year students in the Comparative Literature PhD program.

Requires: Pre-requisite: COMPLIT 343CA

Full Year Course: Indivisible Course

FAS Divisional Distribution: None

COMPLIT 396

Preparation for General Examinations

No meeting time listed

Karen Thornber

Course ID: 114019

2025 Fall (4 Credits)

Instructor Permission Required

COMPLIT 396 (002)

Preparation for General Examinations

No meeting time listed

Homi Bhabha

Course ID: 114019

2025 Fall (4 Credits)

Instructor Permission Required

COMPLIT 396 (003)

Preparation for General Examinations

No meeting time listed

David Damrosch

Course ID: 114019

2025 Fall (4 Credits)

Instructor Permission Required

COMPLIT 396 (004)

Preparation for General Examinations

Course ID: 114019

2025 Fall (4 Credits)

Instructor Permission Required

COMPLIT 396 (005)

Preparation for General Examinations

No meeting time listed

Course ID: 114019

2025 Fall (4 Credits)

Instructor Permission Required

COMPLIT 396 (006)

Preparation for General Examinations

Course ID: 114019

2025 Fall (4 Credits)

Instructor Permission Required

COMPLIT 396 (007)

Preparation for General Examinations

No meeting time listed

Luis Giron Negrón

Course ID: 114019

2025 Fall (4 Credits)

Instructor Permission Required

COMPLIT 396 (008) Preparation for General Examinations <i>No meeting time listed</i> <i>John T. Hamilton</i>	Course ID: 114019 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
COMPLIT 396 (009) Preparation for General Examinations <i>No meeting time listed</i> <i>Sandra Naddaff</i>	Course ID: 114019 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
COMPLIT 396 (010) Preparation for General Examinations <i>No meeting time listed</i> <i>Gregory Nagy</i>	Course ID: 114019 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
COMPLIT 396 (011) Preparation for General Examinations <i>No meeting time listed</i> <i>Martin Puchner</i>	Course ID: 114019 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
COMPLIT 396 (012) Preparation for General Examinations <i>No meeting time listed</i> <i>Panagiotis Roilos</i>	Course ID: 114019 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
COMPLIT 396 (013) Preparation for General Examinations <i>No meeting time listed</i> <i>Jeffrey Schnapp</i>	Course ID: 114019 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
COMPLIT 396 (014) Preparation for General Examinations <i>No meeting time listed</i> <i>Martha Selby</i>	Course ID: 114019 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
COMPLIT 396 (015) Preparation for General Examinations <i>No meeting time listed</i> <i>Marc Shell</i>	Course ID: 114019 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
COMPLIT 396 (016) Preparation for General Examinations <i>No meeting time listed</i> <i>Mariano Siskind</i>	Course ID: 114019 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
COMPLIT 396 (017) Preparation for General Examinations <i>No meeting time listed</i> <i>David Stern</i>	Course ID: 114019 2025 Fall (4 Credits) <i>Instructor Permission Required</i>

COMPLIT 396 (018)
Preparation for General Examinations

Course ID: 114019
2025 Fall (4 Credits)

Instructor Permission Required

COMPLIT 396 (019)
Preparation for General Examinations

Course ID: 114019
2025 Fall (4 Credits)

No meeting time listed
David Wang

Instructor Permission Required

COMPLIT 396 (020)
Preparation for General Examinations

Course ID: 114019
2025 Fall (4 Credits)

No meeting time listed
Justin Weir

Instructor Permission Required

COMPLIT 396 (RR)
Preparation for General Examinations

Course ID: 114019
2026 Spring (4 Credits)

Instructor Permission Required

COMPLIT 397
Direction of Doctoral Dissertations

Course ID: 112761
2025 Fall (4 Credits)

No meeting time listed
Homi Bhabha

Instructor Permission Required

FAS Divisional Distribution: None

COMPLIT 397 (002)
Direction of Doctoral Dissertations

Course ID: 112761
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

COMPLIT 397 (003)
Direction of Doctoral Dissertations

Course ID: 112761
2025 Fall (4 Credits)

No meeting time listed
David Damrosch

Instructor Permission Required

FAS Divisional Distribution: None

COMPLIT 397 (004)
Direction of Doctoral Dissertations

Course ID: 112761
2025 Fall (4 Credits)

No meeting time listed
David Elmer

Instructor Permission Required

FAS Divisional Distribution: None

COMPLIT 397 (005)

Direction of Doctoral Dissertations

Course ID: 112761
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

COMPLIT 397 (006)

Direction of Doctoral Dissertations

Course ID: 112761
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Luis Giron Negron

FAS Divisional Distribution: None

COMPLIT 397 (007)

Direction of Doctoral Dissertations

Course ID: 112761
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

John T. Hamilton

FAS Divisional Distribution: None

COMPLIT 397 (008)

Direction of Doctoral Dissertations

Course ID: 112761
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Sandra Naddaff

FAS Divisional Distribution: None

COMPLIT 397 (009)

Direction of Doctoral Dissertations

Course ID: 112761
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Gregory Nagy

FAS Divisional Distribution: None

COMPLIT 397 (010)

Direction of Doctoral Dissertations

Course ID: 112761
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Martin Puchner

FAS Divisional Distribution: None

COMPLIT 397 (011)

Direction of Doctoral Dissertations

No meeting time listed

Panagiotis Roilos

Course ID: 112761

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

COMPLIT 397 (012)

Direction of Doctoral Dissertations

No meeting time listed

Jeffrey Schnapp

Course ID: 112761

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

COMPLIT 397 (013)

Direction of Doctoral Dissertations

No meeting time listed

Martha Selby

Course ID: 112761

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

COMPLIT 397 (014)

Direction of Doctoral Dissertations

No meeting time listed

Marc Shell

Course ID: 112761

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

COMPLIT 397 (015)

Direction of Doctoral Dissertations

No meeting time listed

Mariano Siskind

Course ID: 112761

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

COMPLIT 397 (016)

Direction of Doctoral Dissertations

No meeting time listed

David Stern

Course ID: 112761

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

COMPLIT 397 (017)

Direction of Doctoral Dissertations

No meeting time listed

Karen Thornber

Course ID: 112761

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

COMPLIT 397 (018)

Direction of Doctoral Dissertations

No meeting time listed

David Wang

Course ID: 112761

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

COMPLIT 397 (019)

Direction of Doctoral Dissertations

No meeting time listed

Justin Weir

Course ID: 112761

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

COMPLIT 397 (020)

Direction of Doctoral Dissertations

No meeting time listed

Course ID: 112761

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

COMPLIT 397 (DDD)

Direction of Doctoral Dissertations

No meeting time listed

Panagiotis Roilos

Course ID: 112761

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

COMPLIT 397 (DDD)

Direction of Doctoral Dissertations

Course ID: 112761

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

COMPLIT 399 Reading and Research <i>No meeting time listed</i> <i>Homi Bhabha</i>	Course ID: 112031 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
COMPLIT 399 (002) Reading and Research	Course ID: 112031 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
COMPLIT 399 (003) Reading and Research <i>No meeting time listed</i> <i>David Damrosch</i>	Course ID: 112031 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
COMPLIT 399 (004) Reading and Research <i>No meeting time listed</i> <i>David Elmer</i>	Course ID: 112031 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
COMPLIT 399 (005) Reading and Research	Course ID: 112031 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
COMPLIT 399 (006) Reading and Research <i>No meeting time listed</i> <i>Luis Giron Negron</i>	Course ID: 112031 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
COMPLIT 399 (007) Reading and Research <i>No meeting time listed</i> <i>John T. Hamilton</i>	Course ID: 112031 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
COMPLIT 399 (008) Reading and Research <i>No meeting time listed</i> <i>Sandra Naddaff</i>	Course ID: 112031 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
COMPLIT 399 (009) Reading and Research <i>No meeting time listed</i> <i>Gregory Nagy</i>	Course ID: 112031 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
COMPLIT 399 (010) Reading and Research	Course ID: 112031 2025 Fall (4 Credits)

No meeting time listed
Martin Puchner

Instructor Permission Required

COMPLIT 399 (011)
Reading and Research
No meeting time listed
Jeffrey Schnapp

Course ID: 112031
2025 Fall (4 Credits)
Instructor Permission Required

COMPLIT 399 (012)
Reading and Research
No meeting time listed
Panagiotis Roilos

Course ID: 112031
2025 Fall (4 Credits)
Instructor Permission Required

COMPLIT 399 (013)
Reading and Research
No meeting time listed
Martha Selby

Course ID: 112031
2025 Fall (4 Credits)
Instructor Permission Required

COMPLIT 399 (014)
Reading and Research
No meeting time listed
Marc Shell

Course ID: 112031
2025 Fall (4 Credits)
Instructor Permission Required

COMPLIT 399 (015)
Reading and Research
No meeting time listed
Mariano Siskind

Course ID: 112031
2025 Fall (4 Credits)
Instructor Permission Required

COMPLIT 399 (016)
Reading and Research
No meeting time listed
David Stern

Course ID: 112031
2025 Fall (4 Credits)
Instructor Permission Required

COMPLIT 399 (017)
Reading and Research
No meeting time listed
Karen Thornber

Course ID: 112031
2025 Fall (4 Credits)
Instructor Permission Required

COMPLIT 399 (018)
Reading and Research
No meeting time listed
David Wang

Course ID: 112031
2025 Fall (4 Credits)
Instructor Permission Required

COMPLIT 399 (019)
Reading and Research
No meeting time listed
Justin Weir

Course ID: 112031
2025 Fall (4 Credits)
Instructor Permission Required

COMPLIT 399 (020)

Reading and Research

No meeting time listed

Spencer Lee-Lenfield

Course ID: 112031

2025 Fall (4 Credits)

Instructor Permission Required

COMPLIT 399 (RR)

Reading and Research

Course ID: 112031

2026 Spring (4 Credits)

Instructor Permission Required

Translation Studies

TS 280 (SEM)

Course ID: 222875
2025 Fall (4 Credits)

Translation Proseminar: History, Research, Theories, Craft

T 0900 AM - 1145 AM

Spencer Lee-Lenfield

This course has several interrelated but distinct missions. First, we read selected major works from the history of attempts to theorize literary translation. Second, we read an array of contemporary examples of research on the translation of literature. Third, we also speak with a range of visitors about the production, publication, and dissemination of translations. And fourth, students have an option of drafting a research article or undertaking a major translation project. Graduate students from a range of disciplines are welcome; those pursuing the Secondary Field in Translation Studies (for which this class is a capstone requirement) will receive priority. Undergraduates interested in the course should contact me to explain their reasons; seats will be allocated as available.

FAS Divisional Distribution: Arts and Humanities

Computer Science

Computer Science

COMPSCI 1

Course ID: 119953
2026 Spring (4 Credits)

Great Ideas in Computer Science

TR 1030 AM - 1145 AM

Henry Leitner

An introduction to the most important discoveries and intellectual paradigms in computer science, designed for students with little or no previous background. Explores problem-solving and data analysis using Python, a programming language with a simple syntax and a powerful set of libraries. This course covers basic data types and collections (lists, dictionaries, tuples, and sets), control flow, recursion, supervised machine learning via regression, visualization, information hiding and encapsulation using classes and objects, and introduces the analysis of program performance. Presents an integrated view of computer systems, from switching circuits up through compilers, and examines theoretical and practical limitations related to unsolvable and intractable computational problems. Other topics include the social and ethical dilemmas presented by such issues as software unreliability, algorithmic bias, artificial intelligence, and invasions of privacy.

Course Note: May not be taken for credit after completing Computer Science 50.

FAS Divisional Distribution: Science & Engineering & Applied Science

Quantitative Reasoning with Data: Yes

COMPSCI 20

Course ID: 128073
2026 Spring (4 Credits)

Discrete Mathematics for Computer Science

MWF 0945 AM - 1100 AM

Rebecca Nesson

Widely applicable mathematical tools for computer science, including topics from logic, set theory, combinatorics, number theory, probability theory, and graph theory. Practice in reasoning formally and proving theorems.

Course Note: Covers material used in Computer Science 1200 (formerly CS 120), Computer Science 1210 (formerly CS 121), and Computer Science 1240 (formerly CS 124). Ordinarily, not to be taken after those courses or after courses such as Applied Mathematics 106, Applied Mathematics 107, Mathematics 101, and Mathematics 153.

FAS Divisional Distribution: Science & Engineering & Applied Science

An introduction to computational thinking, useful concepts in the field of computer science, and the art of computer programming using Python. Significant emphasis is placed on class meetings and learning to use computers to solve complex, real-world problems. Concepts and techniques are introduced as they are needed to help solve the problems confronting us. Students will learn how to go from an ambiguous problem description to a running solution and will leave the class knowing how to instruct computers to do what they want them to do. Prior experience in computer science or computer programming is not necessary.

Requires: Anti-requisite: Cannot be taken for credit if COMPSCI 1090A, COMPSCI 1090B, APCOMP 209A, APCOMP 209B, STAT 109A, or STAT 109B has already been completed.

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 50**Introduction to Computer Science**

M 0130 PM - 0415 PM

David J. Malan

Course ID: 152514
2025 Fall (4 Credits)

This is CS50, Harvard University's introduction to the intellectual enterprises of computer science and the art of programming, for concentrators and non-concentrators alike, with or without prior programming experience. (More than half of CS50 students have never taken CS before!) This course teaches you how to solve problems, both with and without code, with an emphasis on correctness, design, and style. Topics include computational thinking, abstraction, algorithms, data structures, and computer science more generally. Problem sets inspired by the arts, humanities, social sciences, and sciences. More than teach you how to program in one language, this course teaches you how to program fundamentally and how to teach yourself new languages ultimately. The course starts with a traditional but omnipresent language called C that underlies today's newer languages, via which you'll learn not only about functions, variables, conditionals, loops, and more, but also about how computers themselves work underneath the hood, memory and all. The course then transitions to Python, a higher-level language that you'll understand all the more because of C. Toward term's end, the course introduces SQL, via which you can store data in databases, along with HTML, CSS, and JavaScript, via which you can create web and mobile apps alike. Course culminates in a final project. See <https://cs50.harvard.edu/college> for advice, FAQs, syllabus, and what's new. Email the course's heads at heads@cs50.harvard.edu with questions.

Course Note: This course ordinarily meets for lectures in Sanders Theatre on Mondays, 1:30pm–4:15pm, but the course's first lecture will be in Sanders Theatre on Wednesday, September 3, 1:30pm–4:15pm. Students are expected to attend the course's lectures in person unless simultaneously enrolled in another course that meets at the same or an overlapping time, in which case they may watch CS50's lectures online and attend the other course in person. (The Ad Board has already granted this exception for CS50; no other steps are required.) If you have other academic or athletic conflicts, submit cs50.harvard.edu/simultaneous. Course also includes a weekly discussion section, to be arranged. CS50 is ordinarily graded SAT/UNS, though students whose concentration requires letter grades should change their grading status to letter-graded by the term's eleventh Monday. Students may take CS50 SAT/UNS to fulfill the Science and Engineering and Applied Science distribution requirement or the Quantitative Reasoning with Data requirement, but not both. First years may take both CS50 and a first-year seminar SAT/UNS. Graduate students are welcome to enroll in or cross-register for CS50.

This is CS50: <https://www.youtube.com/watch?v=2WtPyqwTLKM>

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 50**Introduction to Computer Science (for students unable to take in fall term)**

T 0900 AM - 1145 AM

David J. Malan, Yuliia Zhukovets

Course ID: 152514
2026 Spring (4 Credits)*Instructor Permission Required*

This is CS50, Harvard University's introduction to the intellectual enterprises of computer science and the art of programming, for concentrators and non-concentrators alike, with or without prior programming experience. (More than half of CS50 students have never taken CS before!) This course teaches you how to solve problems, both with and without code, with an emphasis on correctness, design, and style. Topics include computational thinking, abstraction, algorithms, data structures, and computer science more generally. Problem sets inspired by the arts, humanities, social sciences, and sciences. More than teach you how to program in one language,

this course teaches you how to program fundamentally and how to teach yourself new languages ultimately. The course starts with a traditional but omnipresent language called C that underlies today's newer languages, via which you'll learn not only about functions, variables, conditionals, loops, and more, but also about how computers themselves work underneath the hood, memory and all. The course then transitions to Python, a higher-level language that you'll understand all the more because of C. Toward term's end, the course introduces SQL, via which you can store data in databases, along with HTML, CSS, and JavaScript, via which you can create web and mobile apps alike. Course culminates in a final project. See <https://cs50.harvard.edu/college> for advice, FAQs, syllabus, and what's new. Email the course's heads at heads@cs50.harvard.edu with questions.

Course Note: This spring version of CS50 is for students who were unable to take the course in Fall. All students, including concentrators and non-concentrators, are encouraged to take CS50 in fall term instead. See <https://cs50.harvard.edu/spring> for differences between fall term and spring term. CS50 is ordinarily graded SAT/UNS, though students whose concentration requires letter grades should change their grading status to letter-graded by the term's eleventh Monday. Students may take CS50 SAT/UNS to fulfill the Science and Engineering and Applied Science distribution requirement or the Quantitative Reasoning with Data requirement, but not both. First years may take both CS50 and a first-year seminar SAT/UNS. Graduate students are welcome to enroll in or cross-register for CS50.

This is CS50: <https://www.youtube.com/watch?v=2WtPyqwTLKM>

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 50 (002)

Course ID: 152514

Introduction to Computer Science (for students unable to take in fall term)

2026 Spring (4 Credits)

T 0345 PM - 0630 PM

Instructor Permission Required

David J. Malan, Yuliia Zhukovets

This is CS50, Harvard University's introduction to the intellectual enterprises of computer science and the art of programming, for concentrators and non-concentrators alike, with or without prior programming experience. (More than half of CS50 students have never taken CS before!) This course teaches you how to solve problems, both with and without code, with an emphasis on correctness, design, and style. Topics include computational thinking, abstraction, algorithms, data structures, and computer science more generally. Problem sets inspired by the arts, humanities, social sciences, and sciences. More than teach you how to program in one language, this course teaches you how to program fundamentally and how to teach yourself new languages ultimately. The course starts with a traditional but omnipresent language called C that underlies today's newer languages, via which you'll learn not only about functions, variables, conditionals, loops, and more, but also about how computers themselves work underneath the hood, memory and all. The course then transitions to Python, a higher-level language that you'll understand all the more because of C. Toward term's end, the course introduces SQL, via which you can store data in databases, along with HTML, CSS, and JavaScript, via which you can create web and mobile apps alike. Course culminates in a final project. See <https://cs50.harvard.edu/college> for advice, FAQs, syllabus, and what's new. Email the course's heads at heads@cs50.harvard.edu with questions.

Course Note: This spring version of CS50 is for students who were unable to take the course in Fall. All students, including concentrators and non-concentrators, are encouraged to take CS50 in fall term instead. See <https://cs50.harvard.edu/spring> for differences between fall term and spring term. CS50 is ordinarily graded SAT/UNS, though students whose concentration requires letter grades should change their grading status to letter-graded by the term's eleventh Monday. Students may take CS50 SAT/UNS to fulfill the Science and Engineering and Applied Science distribution requirement or the Quantitative Reasoning with Data requirement, but not both. First years may take both CS50 and a first-year seminar SAT/UNS. Graduate students are welcome to enroll in or cross-register for CS50.

This is CS50: <https://www.youtube.com/watch?v=2WtPyqwTLKM>

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 50 (003)

Course ID: 152514

Introduction to Computer Science (for students unable to take in fall term)

2026 Spring (4 Credits)

W 0900 AM - 1145 AM

Instructor Permission Required

David J. Malan, Yuliia Zhukovets

This is CS50, Harvard University's introduction to the intellectual enterprises of computer science and the art of programming, for concentrators and non-concentrators alike, with or without prior programming experience. (More than half of CS50 students have never taken CS before!) This course teaches you how to solve problems, both with and without code, with an emphasis on correctness, design, and style. Topics include computational thinking, abstraction, algorithms, data structures, and computer science more generally. Problem sets inspired by the arts, humanities, social sciences, and sciences. More than teach you how to program in one language, this course teaches you how to program fundamentally and how to teach yourself new languages ultimately. The

course starts with a traditional but omnipresent language called C that underlies today's newer languages, via which you'll learn not only about functions, variables, conditionals, loops, and more, but also about how computers themselves work underneath the hood, memory and all. The course then transitions to Python, a higher-level language that you'll understand all the more because of C. Toward term's end, the course introduces SQL, via which you can store data in databases, along with HTML, CSS, and JavaScript, via which you can create web and mobile apps alike. Course culminates in a final project. See <https://cs50.harvard.edu/college> for advice, FAQs, syllabus, and what's new. Email the course's heads at heads@cs50.harvard.edu with questions.

Course Note: This spring version of CS50 is for students who were unable to take the course in Fall. All students, including concentrators and non-concentrators, are encouraged to take CS50 in fall term instead. See <https://cs50.harvard.edu/spring> for differences between fall term and spring term. CS50 is ordinarily graded SAT/UNS, though students whose concentration requires letter grades should change their grading status to letter-graded by the term's eleventh Monday. Students may take CS50 SAT/UNS to fulfill the Science and Engineering and Applied Science distribution requirement or the Quantitative Reasoning with Data requirement, but not both. First years may take both CS50 and a first-year seminar SAT/UNS. Graduate students are welcome to enroll in or cross-register for CS50.

This is CS50: <https://www.youtube.com/watch?v=2WtPyqwTLKM>

FAS Divisional Distribution: Science & Engineering & Applied Science

Quantitative Reasoning with Data: Yes

COMPSCI 50 (004)

Course ID: 152514

Introduction to Computer Science (for students unable to take in fall term)

2026 Spring (4 Credits)

W 0600 PM - 0845 PM

Instructor Permission Required

David J. Malan, Yuliia Zhukovets

This is CS50, Harvard University's introduction to the intellectual enterprises of computer science and the art of programming, for concentrators and non-concentrators alike, with or without prior programming experience. (More than half of CS50 students have never taken CS before!) This course teaches you how to solve problems, both with and without code, with an emphasis on correctness, design, and style. Topics include computational thinking, abstraction, algorithms, data structures, and computer science more generally. Problem sets inspired by the arts, humanities, social sciences, and sciences. More than teach you how to program in one language, this course teaches you how to program fundamentally and how to teach yourself new languages ultimately. The course starts with a traditional but omnipresent language called C that underlies today's newer languages, via which you'll learn not only about functions, variables, conditionals, loops, and more, but also about how computers themselves work underneath the hood, memory and all. The course then transitions to Python, a higher-level language that you'll understand all the more because of C. Toward term's end, the course introduces SQL, via which you can store data in databases, along with HTML, CSS, and JavaScript, via which you can create web and mobile apps alike. Course culminates in a final project. See <https://cs50.harvard.edu/college> for advice, FAQs, syllabus, and what's new. Email the course's heads at heads@cs50.harvard.edu with questions.

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This is CS50: <https://www.youtube.com/watch?v=2WtPyqwTLKM>

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 51

Course ID: 112960

Abstraction and Design in Computation

2026 Spring (4 Credits)

TR 1245 PM - 0200 PM

Stuart Shieber

Fundamental concepts in the design of computer programs, emphasizing the crucial role of abstraction. The goal of the course is to give students insight into the difference between programming and programming well. To emphasize the differing approaches to expressing programming solutions, you will learn to program in a variety of paradigms -- including functional, imperative, and object-oriented. Important ideas from software engineering and models of computation will inform these different views of programming.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 51 (002)

Abstraction and Design in Computation

TR 0345 PM - 0500 PM

Stuart Shieber

Fundamental concepts in the design of computer programs, emphasizing the crucial role of abstraction. The goal of the course is to give students insight into the difference between programming and programming well. To emphasize the differing approaches to expressing programming solutions, you will learn to program in a variety of paradigms -- including functional, imperative, and object-oriented. Important ideas from software engineering and models of computation will inform these different views of programming.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 61

Systems Programming and Machine Organization

MW 0215 PM - 0330 PM

Eddie Kohler

Fundamentals of computer systems programming, machine organization, and performance tuning. This course provides a solid background in systems programming and a deep understanding of low-level machine organization and design. Topics include C and assembly language programming, program optimization, memory hierarchy and caching, virtual memory and dynamic memory management, concurrency, threads, and synchronization.

CS50 or some experience programming in C.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 79

Design of Useful and Usable Interactive Systems

MW 0945 AM - 1100 AM

Krzysztof Gajos

Course ID: 123971

2025 Fall (4 Credits)

Instructor Permission Required

Formerly CS 179, the course covers skills and techniques necessary to design innovative interactive products that are useful, usable and that address important needs of people other than yourself. You will learn how to uncover needs that your customers cannot even articulate. You will also learn a range of design principles, effective creativity-related practices, and techniques for rapidly creating and evaluating product prototypes. You will also have several opportunities to formally communicate your design ideas to a variety of audiences. You will complete two large team-based design projects.

Course Note: CS 79 was formerly offered as CS 179. Students who took CS 179 may not take CS 79 for credit.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 91R

Supervised Reading and Research

No meeting time listed

Adam Hesterberg

Course ID: 113257

2025 Fall (4 Credits)

Instructor Permission Required

Supervised individual study of advanced topics in computer science. A student wishing to enroll in Computer Science 91r must be accepted by a faculty member who will supervise the course work. Additional information and a form are available via <https://harvardcs.info/forms/#cs-91r-form>. The form must be filled out and signed by the student and faculty supervisor. Students writing theses may enroll in this course while conducting thesis research and writing.

Course Note: At most two terms of Computer Science 91r may be taken for academic credit. May not be taken Pass/Fail. Students wishing more information about the range of suitable projects or faculty supervisors should consult the Director of Undergraduate Studies.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 91R**Supervised Reading and Research***No meeting time listed**Adam Hesterberg*

Supervised individual study of advanced topics in computer science. A student wishing to enroll in Computer Science 91r must be accepted by a faculty member who will supervise the course work. Additional information and a form are available via <https://harvardcs.info/forms/#cs-91r-form>. The form must be filled out and signed by the student and faculty supervisor. Students writing theses may enroll in this course while conducting thesis research and writing.

Course Note: At most two terms of Computer Science 91r may be taken for academic credit. May not be taken Pass/Fail. Students wishing more information about the range of suitable projects or faculty supervisors should consult the Director of Undergraduate Studies.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 113257

2026 Spring (4 Credits)

Instructor Permission Required

COMPSCI 1050**Privacy and Technology**

TR 1245 PM - 0200 PM

Jim Waldo

What is privacy, and how is it affected by recent developments in technology? This course critically examines popular concepts of privacy and uses a rigorous analysis of technologies to understand the policy and ethical issues at play. Case studies: database anonymity, research ethics, wiretapping, surveillance, and others. Course relies on some technical material, but is open and accessible to all students, especially those with interest in economics, engineering, political science, computer science, sociology, biology, law, government, philosophy.

Course Note: This course was previously numbered CS 105.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 125407

2025 Fall (4 Credits)

Instructor Permission Required

COMPSCI 1060**Software Engineering with Generative AI**

TR 0345 PM - 0500 PM

Christopher Thorpe

Software has become a chief driver of innovation in every field of study and industry. Generative AI is rapidly transforming software development—not so much by replacing developers, but rather as a dramatic force multiplier for capable developers. Students will learn and practice industrial software engineering by building Software as a Service (SaaS) with modern tools. These include generative AI, automated testing, continuous integration, and continuous deployment (CI/CD). We will follow a software development lifecycle to plan, design, implement, test, deploy, and maintain a small, cloud-based SaaS system.

Either (a) Two #advancedcs courses with significant programming assignments (COMPSCI 61 counts), or non-Harvard equivalent; or (b) Experience with industrial software engineering (including internships) or completion of a 5,000+ line software project; or (c) SEAS MS/MBA, GSD MDE, and MIT Sloan LGO students may participate in the course without the above prerequisites by completing a pre-course preparation pack.

To enroll in the course, you must explain how you meet the prerequisite requirements in the Permission Request in my.harvard.

Course ID: 226052

2025 Fall (4 Credits)

Instructor Permission Required

COMPSCI 1090A**Data Science 1: Introduction to Data Science**

MW 1030 AM - 1145 AM

Pavlos Protopapas, Kevin A. Rader

Data Science 1 is the first half of a one-year introduction to data science. The course will focus on the analysis of messy, real life data to perform predictions using statistical and machine learning methods. Material covered will integrate the five key facets of an investigation using data: (1) data collection - data wrangling, cleaning, and sampling to get a suitable data set; (2) data management - accessing data quickly and reliably; (3) exploratory

Course ID: 109899

2025 Fall (4 Credits)

data analysis – generating hypotheses and building intuition; (4) prediction or statistical learning; and (5) communication – summarizing results through visualization, stories, and interpretable summaries. Part one of a two part series. The curriculum for this course builds throughout the academic year. Students are strongly encouraged to enroll in both the fall and spring course within the same academic year.

Course Note: Only one of CS 1090a (previously CS 109a), AC 209a, Stat 109a, or Stat 121a can be taken for credit. This course was previously numbered CS 109a.

Programming knowledge at the level of CS 50 or above, and statistics knowledge at the level of Stat 100 or above (Stat 110 recommended).

Requires: Not to be taken in addition to Applied Computation 209, or Applied Computation 209A, or Statistics 109A, or Statistics 121, or Statistics 121A.

Quantitative Reasoning with Data: Yes

Full Year Course: Divisible Course

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 1090B

Course ID: 203546

Data Science 2: Advanced Topics in Data Science

2026 Spring (4 Credits)

MWF 0945 AM - 1100 AM

Pavlos Protopapas, Alex Young

Data Science 2 is the second half of a one-year introduction to data science. Building upon the material in Data Science 1, the course introduces advanced methods for statistical modeling, representation, and prediction. Topics include multiple deep learning architectures such as CNNs, RNNs, transformers, language models, autoencoders, and generative models as well as basic Bayesian methods, and unsupervised learning. Students are strongly encouraged to enroll in both the fall and spring course within the same academic year. Part two of a two-part series.

Course Note: Can only be taken after successful completion of CS 1090a (previously CS 109a), AC 209a, Stat 109a, or Stat 121a, or equivalent. This course was previously numbered CS 109b.

CS 1090a (previously CS 109a), AC 209a, Stat 109a, or Stat 121a required.

Requires: Requisite: (Must take CS 1090A OR APCOMP 209A OR STAT 121A before taking CS 1090B) AND (Not to be taken in addition to APCOMP 209B, OR STAT 121, OR STAT 121B.)

Full Year Course: Divisible Course

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 1200

Course ID: 218613

Introduction to Algorithms and their Limitations

2025 Fall (4 Credits)

TR 0945 AM - 1100 AM

Salil Vadhan

An introductory course in theoretical computer science, aimed at giving students the power of using mathematical abstraction and rigorous proof to understand computation. Thus equipped, students will be able to design and use algorithms that apply to a wide variety of computational problems, with confidence about their correctness and efficiency, as well as recognize when a problem may have no algorithmic solution. At the same time, they will gain an appreciation for the beautiful mathematical theory of computation that is independent of (indeed, predates) the technology on which it is implemented.

Course Note: This course was previously numbered CS 120.

Experience with proofs and discrete mathematics at the level of Computer Science 20, and Python programming at the level of Computer Science 50.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 1200

Course ID: 218613

Introduction to Algorithms and their Limitations

2026 Spring (4 Credits)

MW 1245 PM - 0200 PM

Anurag Anshu

An introductory course in theoretical computer science, aimed at giving students the power of using

mathematical abstraction and rigorous proof to understand computation. Thus equipped, students will be able to design and use algorithms that apply to a wide variety of computational problems, with confidence about their correctness and efficiency, as well as recognize when a problem may have no algorithmic solution. At the same time, they will gain an appreciation for the beautiful mathematical theory of computation that is independent of (indeed, predates) the technology on which it is implemented.

Course Note: This course was previously numbered CS 120.

Experience with proofs and discrete mathematics at the level of Computer Science 20, and Python programming at the level of Computer Science 50.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 1210

Course ID: 119064

Introduction to Theoretical Computer Science

2025 Fall (4 Credits)

TR 0345 PM - 0500 PM

Adam Hesterberg

Computation occurs over a variety of substrates including silicon, neurons, DNA, the stock market, bee colonies and many others. In this course we will study the fundamental capabilities and limitations of computation, including the phenomenon of universality and the duality of code and data. Some of the questions we will touch upon include: Are there functions that cannot be computed? Are there true mathematical statements that can't be proven? Are there encryption schemes that can't be broken? Is randomness ever useful for computing? Can we use the quirks of quantum mechanics to speed up computation?

Course Note: This course was previously numbered CS 121.

Experience in formal mathematics at the level of CS 20. See the course Canvas page to link to a "Homework Zero" to complete before the first lecture.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 1240

Course ID: 115384

Data Structures and Algorithms

2026 Spring (4 Credits)

MW 0215 PM - 0330 PM

Madhu Sudan, Adam Hesterberg

Design and analysis of efficient algorithms and data structures. Algorithm design methods, graph algorithms, approximation algorithms, and randomized algorithms are covered.

Course Note: This course was previously numbered CS 124.

Knowledge of how to write mathematical proofs, such as from Computer Science 20, Applied Math 22, or Math 22, is required; more advanced courses such as Computer Science 1200 (formerly CS 120), Math 23, Math 25, and Math 101 may be helpful but are not required.

Basic programming skills, such as from Computer Science 32 or 50, are required; Computer Science 51 and/or 61 may be helpful but are not required. No specific programming language is required.

Knowledge of discrete math and probability, such as from Computer Science 20 or self-study, is required. Statistics 110 may be helpful but is not required.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 1261

Course ID: 226548

Privacy, Fairness, and Validity Through the Lens of Theoretical CS

2026 Spring (4 Credits)

MW 1245 PM - 0200 PM

Cynthia Dwork

Imagine you are a developer at -- or regulating, from your position as CTO of the Federal Trade Commission -- a company that capitalizes on large amounts of personal data for use in a wide range of settings, from analyzing markets to advising judges on parole decisions, to selecting candidates to interview, to testing drugs. How might you think about incorporating societal values, such as privacy, fairness, and statistical validity? What mathematical guarantees are achievable, and what is impossible? How does privacy differ from cryptographic secrecy, and which concept is appropriate for which setting? This class will provide an introduction to the theoretical underpinnings of algorithmic fairness, differentially private data analysis, cryptography, and ensuring statistical validity, emphasizing common underlying themes and conceptual breakthroughs.

Course Note: CS 1261 is a CS-only variant of CS 1260, and, unlike that course, is not interwoven with a course in at Harvard Law School. Students who have taken CS 1260 may not take CS 1261.

Requires: Anti-Requisite: Cannot be taken for credit if COMPSCI 1260 already complete.

COMPSCI 1280

Convex Optimization and Applications in Machine Learning

MW 1115 AM - 1230 PM

Yiling Chen

Course ID: 219745
2026 Spring (4 Credits)

Instructor Permission Required

This course focuses on recognizing, formulating, and solving convex optimization problems. We will introduce basic convex analysis, discuss convex optimization theory, introduce algorithms for solving convex optimization problems, and touch on some advanced topics. We will explore all these in the context of machine learning applications as almost every machine learning problem can be formulated as an optimization problem. The objective is to give students the theoretical training to recognize and formulate convex optimization problems and provide students with the tools and methods to solve the problems of interest.

Course Note: Course previously offered as Applied Mathematics 122 and CS 128.

Multivariable calculus (AM 21a or Math 21a), linear algebra (AM 21b or Math 21b/22a/25a/55a or equivalent), Python programming (CS 50, AM 10 or equivalent) and some basic understanding of probabilities. Linear programming (AM 121 or equivalent) or some basic understanding of mathematical optimization is helpful but not required.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 1360

Economics and Computation

TR 1115 AM - 1230 PM

Ariel Procaccia

Course ID: 128164
2026 Spring (4 Credits)

Instructor Permission Required

The course explores the interaction between the disciplines of economics and computer science. In one direction, we will see how computational thinking (including concepts like approximation algorithms and worst-case analysis) gives a new perspective on areas of economic theory such as game theory, mechanism design, and social choice. In the other direction, we will discuss how economic approaches can address timely questions in computer science and artificial intelligence. Special attention will be devoted to problems of societal significance. For a detailed list of topics, see the course schedule.

Course Note: This course was previously numbered CS 186 and CS 136.

Familiarity with probability theory (as taught by, e.g., Stat 110) and the basics of theoretical computer science (e.g., complexity theory and asymptotic runtime analysis, as taught by CS 1200, 1210, or 1240) is assumed. Background in artificial intelligence, such as CS 1810 or CS 1820, is useful but not required. Background in economic theory is not assumed.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 1410

Computing Hardware

MW 1245 PM - 0200 PM

Woodward Yang

Course ID: 113856
2025 Fall (4 Credits)

Instructor Permission Required

This course delves into the design principles and practices of high performance digital computing systems that are cost effectively and reliably manufactured with billions of near atomic scale semiconductor components. Key abstractions and foundational concepts are emphasized as the course covers the basic operation of CMOS transistors and logic gates, combinational and sequential logic including Finite State Machines (FSMs), digital memory subsystems, and machine code culminating with the implementation of a MIPS processor. Lab assignments will focus on the practical aspects of digital hardware design by utilizing Field Programmable Gate Arrays (FPGAs), Verilog (Hardware Description Language) and advanced CAD tools for the design, simulation and verification of digital computing hardware.

Course Note: This course was previously numbered CS 141.

CS 50 is strongly advised and will be considered for permission to enroll. ES 50 is also highly recommended.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 1411

Computer Architecture

F 0900 AM - 1145 AM

David Brooks

Review of the fundamental structures in modern processor design. Topics include computer organization, memory system design, pipelining, and other techniques to exploit parallelism. Discussion of modern topics including GPU architectures, datacenter architecture, mobile/embedded SoC architectures, and machine learning acceleration as time permits. Emphasis on a quantitative evaluation of design alternatives and an understanding of performance and energy consumption issues.

Course Note: This course was previously numbered CS 146.

Requires: Prerequisite: Computer Science 141

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 113270

2026 Spring (4 Credits)

COMPSCI 1430

Computer Networks

MW 0345 PM - 0500 PM

H. Kung

Computer networking has enabled the emergence of mobile and cloud computing, creating two of the most significant technological breakthroughs in computing. Computer networks have become even more critical these days since remote activities have become a new norm. We expect several focuses in the coming years. First, we will witness the emergence of 5G wireless mobile networks, which have already begun to replace the current 4G networks. Second, cybersecurity and privacy will receive unprecedented attention from the industry. Third, blockchain technology, which underlies Bitcoin, creates a new trusted network infrastructure for many new distributed applications. Fourth, distance learning and virtual meetings will push the limits of current multicast and network management technologies. In this course, students will learn basic networking protocols as well as these timely topics.

Course Note: This course was previously numbered CS 143.

CS50 (or programming experience) and a strong interest in the subject matter. Lab sessions will be provided to give extra support.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 118418

2026 Spring (4 Credits)

Instructor Permission Required

COMPSCI 1480

Design of VLSI Circuits and Systems

MW 0945 AM - 1100 AM

Gage Hills

Presentation of concepts and techniques for the design and fabrication of VLSI systems and digital MOS integrated circuits. Topics include: basic semiconductor theory; MOS transistors and digital MOS circuits design; synchronous machines, clocking, and timing issues; high-level description and modeling of VLSI systems; synthesis and place and route design flows; and testing of VLSI circuits and systems. Various CAD tools for design, simulation, and verification are extensively used.

Course Note: Offered in alternate years. This course was previously numbered CS 148.

Computer Science 1410 (formerly CS 141) or permission of instructor.

Requires: Prerequisite: Computer Science 141

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 110990

2026 Spring (4 Credits)

Instructor Permission Required

COMPSCI 1520

Programming Languages

TR 1115 AM - 1230 PM

Nada Amin

Comprehensive introduction to the principal features and overall design of both traditional and modern programming languages, including syntax, formal semantics, abstraction mechanisms, modularity, type systems, naming, polymorphism, closures, continuations, and concurrency. Provides the intellectual tools needed to

Course ID: 119629

2026 Spring (4 Credits)

design, evaluate, choose, and use programming languages.

Course Note: This course was previously numbered CS 152.

Computer Science 51; Computer Science 1210 (formerly CS 121) is recommended. Students must have good programming skills, be very comfortable with recursion, proofs, basic mathematical ideas and notations, including sets, relations, functions, and induction.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 1530

Course ID: 131493

Compilers

2025 Fall (4 Credits)

MW 1245 PM - 0200 PM

Stephen Chong

Implementation of efficient interpreters and compilers for programming languages. Associated algorithms and pragmatic issues. Emphasizes practical applications including those outside of programming languages proper. Also shows relationships to programming-language theory and design. Participants build a working compiler including lexical analysis, parsing, type checking, code generation, and register allocation. Exposure to run-time issues and optimization.

Course Note: This course was previously numbered CS 153.

Computer Science 51 or 61.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 1610

Course ID: 113847

Operating Systems

2026 Spring (4 Credits)

MW 0215 PM - 0330 PM

James Mickens

This course focuses on the design and implementation of modern operating systems. The course discusses threads, processes, virtual memory, schedulers, and the other fundamental primitives that an OS uses to represent active computations. An exploration of the system call interface explains how applications interact with hardware and other programs which are concurrently executing. Case studies of popular file systems reveal how an OS makes IO efficient and robust in the midst of crashes and unexpected reboots. Students also learn how virtualization allows a physical machine to partition its resources across multiple virtual machines. Class topics are reinforced through a series of intensive programming assignments which use a real operating system.

Course Note: This course was previously numbered CS 161.

Computer Science 61.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 1650

Course ID: 119249

Data Systems

2025 Fall (4 Credits)

TR 0945 AM - 1100 AM

Stratos Idreos

We are in the big data era and data systems sit in the critical path of everything we do. We are going through major transformations in businesses, sciences, as well as everyday life - collecting and analyzing data changes everything and data systems provide the means to store and analyze a massive amount of data. This course is a comprehensive introduction to modern data systems. The primary focus of the course is on the modern trends that are shaping the data management industry right now: column-store and hybrid systems, shared nothing architectures, cache conscious algorithms, hardware/software co-design, main-memory systems, adaptive indexing, stream processing, scientific data management, and key-value stores. We also study the history of data systems, traditional and seminal concepts and ideas such as the relational model, row-store database systems, optimization, indexing, concurrency control, recovery and SQL. In this way, we discuss both how and why data systems evolved over the years, as well as how these concepts apply today and how data systems might evolve in the future. We focus on understanding concepts and trends rather than specific techniques that will soon be outdated - as such the class relies largely on recent research material and on a semi-flipped class model with a lot of hands-on interaction in each class.

Course Note: This course was previously numbered CS 165.

COMPSCI 1710

Course ID: 124364
2025 Fall (4 Credits)

Visualization

MW 0215 PM - 0330 PM

Hanspeter Pfister

An introduction to key design principles and techniques for visualizing data. Covers design practices, data and image models, visual perception, interaction principles, visualization tools, and applications. Introduces programming of web-based interactive visualizations.

Course Note: Offered jointly with the Design School as SCI-6472. This course was previously numbered CS 171.

Students are required to have basic programming experience (e.g., Computer Science 50). Web programming experience (HTML, CSS, JS) is a plus.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 1750

Course ID: 113410
2025 Fall (4 Credits)

Computer Graphics

MW 1115 AM - 1230 PM

Steven Gortler

This course covers the fundamentals of 3D computer graphics using a modern shader-based version of OpenGL. Main topics include: geometric coordinate systems and transformations, keyframe animation and interpolation, camera simulation, triangle rasterization, material simulation, texture mapping, image sampling and color theory. The course also touches on ray tracing, geometric modeling and simulation-based animation.

Course Note: This course was previously numbered CS 175.

Computer Science 51 or 61, Applied Mathematics 22a or Mathematics 21b.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 1780

Course ID: 220125
2026 Spring (4 Credits)

Engineering Usable Interactive Systems

MW 0345 PM - 0500 PM

Instructor Permission Required

Elena Glassman

In this course, students learn critical techniques, concepts, and technologies for building usable interactive systems, alone and in pairs. Assignments provide hands-on experiences with different modern frameworks, platforms, and libraries while conceptual commonalities and distinctions are annotated and explained. Lectures cover relevant basic and advanced topics, such as human cognitive capabilities, iterative prototyping, and human-AI interaction. The final project will require both front-end and back-end development, iterative prototyping with humans, and a final evaluation with target users. Designed for advanced undergraduates.

Course Note: This course was previously numbered CS 178.

Programming experience required, i.e., CS 51 and/or CS 61; some experience debugging on one's own with online community resources, and some familiarity with design recommended, e.g., CS 179, or permission of instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 1810

Course ID: 148156
2026 Spring (4 Credits)

Machine Learning

TR 0945 AM - 1100 AM

Instructor Permission Required

David Alvarez Melis

Introduction to machine learning, providing a probabilistic view on artificial intelligence and reasoning under uncertainty. Topics include: supervised learning, ensemble methods and boosting, neural networks, support vector machines, kernel methods, clustering and unsupervised learning, maximum likelihood, graphical models, hidden Markov models, inference methods, and computational learning theory. Students should feel comfortable

with multivariate calculus, linear algebra, probability theory, and complexity theory. Students will be required to produce non-trivial programs in Python.

Course Note: This course was previously numbered CS 181.

Computer Science 51 or 61, Statistics 110, Applied Math 22a or Math 21ab (or equivalent).

FAS Divisional Distribution: Science & Engineering & Applied Science

Quantitative Reasoning with Data: Yes

COMPSCI 1820

Course ID: 110661
2025 Fall (4 Credits)

Planning and Learning Methods in AI

TR 1115 AM - 1230 PM

Stephanie Gil, Kianté Brantley

Artificial Intelligence (AI) is already making a powerful impact on modern technology, and is expected to be even more transformative in the near future. The course introduces the ideas and techniques underlying this exciting field, with the goal of teaching students to identify effective representations and approaches for a wide variety of computational tasks. Topics covered in this course are broadly divided into search and planning, optimization and games, and uncertainty and learning. Special attention is given to ethical considerations in AI and to applications that benefit society. For more information please see the course website.

Course Note: This course was previously numbered CS 182.

Students must have previously taken Statistics 110 (Probability) or an equivalent course. Experience with Python programming, as well as an understanding of the design and analysis of algorithms (including time complexity and big O notation), are assumed.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 1870

Course ID: 117372
2025 Fall (4 Credits)

Introduction to Computational Linguistics and Natural-language Processing

MWF 1115 AM - 1230 PM

Instructor Permission Required

Stuart Shieber

Natural-language-processing applications are ubiquitous – from digital assistants like Siri or Alexa, to machine translation systems like Google Translate, to fluent conversational systems like ChatGPT, Claude, and Gemini. How do such systems work? This course provides an introduction to the field of computational linguistics, the study of human language using the tools and techniques of computer science, with applications to a variety of natural-language-processing problems such as these. You will work with ideas from linguistics, statistical modeling, machine learning, and neural networks, especially the technologies behind current large language models (LLMs). The course is lab- and project-based, with students working primarily in small teams, and culminates in the building and testing of a full transformer-based question-answering system.

Course Note: This course was previously numbered CS 187.

Programming ability and computer science knowledge at the level of CS51; knowledge of discrete mathematics, including basic probability, statistics, and logic at the level of CS20; some familiarity with Python programming.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 1960

Course ID: 221939
2026 Spring (4 Credits)

Designing K-12 Computer Science Learning Experiences

W 0900 AM - 1145 AM

Instructor Permission Required

Karen Brennan

From computational thinking to workforce arguments, there is considerable interest in and excitement about including computer science education for all K-12 students. Yet, unlike other disciplines with a much longer history in formal schooling, the interest in computer science education is not yet supported by commensurate attention to research and teacher practice. In this course, we will examine the state of K-12 computing education: questioning its value, examining its history, and imagining and contributing to its potential. The course will be organized as both a reading group and a lab, building a community of people who are committed to K-12 CS education. Each week you will read classic and current research, and write accompanying memos to document your evolving understandings of the field. Throughout the course, either individually or with partners,

you will develop an independent project that explores the design of K-12 computer science learning experiences. Some examples of possible projects include: designing CS-standalone or cross-curricular learning activities and curriculum, building a programming language for novices, developing an annotated bibliography, critically analyzing policy documents such as curriculum frameworks and standards from around the world, or contributing to current K-12 CS education research initiatives.

Course Note: The course enrollment procedure will be posted to the course website. Students who enroll in the course will be expected to engage in a term-long project related to K-12 computer science education. No auditors. This course is also offered as EDU T217 at HGSE. This course was previously numbered CS 196.

Prior (or anticipated) experience with K-12 computer science is encouraged.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 2050

High Performance Computing for Science and Engineering

TR 0215 PM - 0330 PM

Chuck Witt

As manufacturing processes approach the physical limits of transistor density on modern computing architectures, efficient code must leverage parallel execution to scale with available hardware resources. It is therefore crucial for software developers to adopt a "think parallel" mindset, given that computers are a fundamental tool for solving complex scientific problems across academia, industry, and society. This course introduces parallel programming and its relationship to computer architectures. Various forms of parallelism are considered and exploited through several programming models, with a particular focus on shared and distributed memory programming. The techniques are explored in depth with homework, lab sessions, and a term project.

Course Note: This course was previously numbered CS 205.

The course assumes the student is comfortable reading and writing code in C++ and Python. Familiarity with Linux command line tools, particularly ssh and Git, is also expected. While advanced C++ knowledge is not required, CS2050 will not teach the basics of programming, and the class is likely unsuitable for first-year students. A determined student who lacks one or two of these prerequisites might still manage to succeed in the course, but only if they are willing to work hard and use external resources to fill gaps in their knowledge.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 2212

Biology and Complexity

TR 1245 PM - 0200 PM

Leslie Valiant

Many processes in biology consist of step-by-step processes, whether in evolution, neural activity, development, or protein circuits. In many of these processes the actual steps taken by biological systems are not currently understood. Further, even the outcomes that are being realized by these processes are not well understood. In general, current understanding of most aspects of biology is not complete or specific enough to provide theories in which predictions can be made by analysis or computer simulation. Computer science is the study of step-by-step processes and of specifications of the outcomes that such processes can realize. For many computational outcome specifications, it is known or believed that no mechanism with feasible resources can realize them. Computer science therefore offers a top-down approach to understanding what could possibly be computed in biology, and how. In this course we shall pursue this computational complexity approach, whose origins go back to Turing and von Neumann. Emphasis will be on evolution and neuroscience, but other topics such as development will be also discussed. Research papers that address some aspect of the complexity question, whether by mathematical analysis, computer simulations or experimental findings will be discussed.

Course Note: This course was formerly offered as CS 229R in Spring 2023.

CS 1210 (formerly CS 121)/CS 1240 (formerly CS 124) or equivalents.

COMPSCI 2232

Quantum Complexity Theory

TR 1030 AM - 1145 AM

Anurag Anshu

This course will offer an introduction to cutting-edge ideas in quantum complexity theory, with the goal of

Course ID: 226736

2025 Fall (4 Credits)

preparing students to pursue research in the field. Quantum non-local games and quantum many-body systems will be the central focus of discussions. We will cover ideas such as tests of quantumness, multi-prover quantum interactive proofs, area laws in local Hamiltonians and quantum PCP conjecture. Tests of entanglement, from multiprover as well as many-body point of view, will be the key takeaways.

A quantum algorithms or quantum information course at the level of CS 2310, and a undergraduate level computer science course at the level of CS 1200/ CS 1240.

COMPSCI 2233

Quantum Learning Theory

MW 0300 PM - 0415 PM

Sitan Chen, Jordan Cotler

How can we use quantum computation to learn properties of quantum systems? Answering this question helps us understand the power of quantum computers in assisting experimental physicists with studying quantum materials, while also providing valuable tools for quantum ML to develop algorithms based on quantum data. Quantum learning theory has become a core subject in quantum information and computation, and this course is one of the first to present the subject in its entirety. Topics include the theory of learning quantum states and dynamics, the role of quantum memory, random and pseudorandom quantum circuits, and learning quantum many-body systems.

Course Note: CS 2233 is also offered as Physics 272. Students may not take both for credit.

Stat 110 and familiarity with quantum mechanics / quantum computing at the level of Physics 143A (quantum mechanics I) or Physics 160 (quantum information) is very strongly recommended.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 2252

Spectral Graph Theory in Computer Science

MW 0945 AM - 1100 AM

Salil Vadhan

Eigenvectors and eigenvalues of graphs and their applications to computer science problems, such as clustering, solving linear systems, derandomization, sampling via MCMC, counting, web search, and maximum flow.

Course Note: This course was previously numbered CS 229CR.

Algorithms and theoretical computer science at the level of CS 1240 (formerly CS 124) or CS 1200+1210 (formerly CS 120+121) and linear algebra at the level of Applied Mathematics 22a or Math 21b.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 2253

Seminar on Pseudorandomness & High-Dimensional Expanders

MW 1245 PM - 0200 PM

Salil Vadhan

Students read, present, and critically evaluate current research papers on Pseudorandomness & High-Dimensional Expanders. A goal will be preparation for participation in the Fall 2026 program at the Simons Institute for the Theory of Computing.

Prior graduate-level coursework or experience in theoretical computer science or mathematics.

COMPSCI 2260

Topics in Theory for Society: Differential Privacy

MW 0945 AM - 1100 AM

Cynthia Dwork

Differential Privacy is a mathematically rigorous definition of privacy that has become the de facto standard for

Course ID: 226448

2025 Fall (4 Credits)

Course ID: 211336

2026 Spring (4 Credits)

Course ID: 226747

2026 Spring (4 Credits)

Course ID: 224313

2025 Fall (4 Credits)

statistical analysis of large datasets. Differential privacy provides a concrete measure of privacy loss, and differentially private algorithms are equipped with a parameter for controlling this loss. A signal property of differential privacy is closure under composition, meaning that we can understand and control the cumulative privacy loss as the data are subjected to multiple analyses. In consequence, differential privacy is programmable: one can combine simple differentially private computational primitives in creative ways to obtain privacy-preserving algorithms for complex analytical tasks. The course will cover (1) the basics of differential privacy: the definition and its properties, computational primitives, and composition theorems; (2) selected advanced differentially private algorithms drawn from the literature and a wide range of application areas from industry to the US Census; and (3) applications of differential privacy to validity and replicability of data analyses.

Course Note: This course was previously numbered CS 226R.

At least one of CS 1210, CS 1240, CS 1260, and CS 2080 (formerly CS 121, CS 124, CS 126, and CS 208).

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 2360R

Course ID: 116531

Topics at the Interface between Computer Science and Economics

2025 Fall (4 Credits)

TR 1245 PM - 0200 PM

Instructor Permission Required

Yiling Chen

Interplay between computation and economics. Rotating topics in mechanism design, strategy-aware machine learning, information elicitation and forecasting, computational social choice and other emerging areas. Readings in AI, theoretical CS, multi-agent systems, economic theory, and operations research.

Course Note: This course was previously numbered CS 236R.

Mathematics 21a, 21b, or equivalent; Stat 110 or equivalent; Economics 1011a, or equivalent; or permission of instructor. CS 1360 (formerly CS 136) is helpful but not required.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 2380

Course ID: 217635

Optimized Democracy

2025 Fall (4 Credits)

MW 1115 AM - 1230 PM

Instructor Permission Required

Ariel Procaccia

The course examines the mathematical and algorithmic foundations of democracy, running the gamut from theory to applications. The goal is to provide students with a rigorous perspective on, and a technical toolbox for, the design of better democratic systems. Topics include computational social choice (identifying optimal voting rules), fairness in political redistricting (avoiding gerrymandering) and apportionment (allocating seats on a representative body), sortition (randomly selecting citizens assemblies), liquid democracy (transitively delegating votes), and weighted voting games (analyzing legislative power through cooperative game theory).

Course Note: This course was previously numbered CS 238.

Students should have a basic understanding of probability theory and algorithms. Examples of concepts that are useful to know include Markov chains, concentration inequalities, NP-hardness and linear programming. Mathematical maturity (following proof sketches in real time) is expected. Although this is primarily a graduate course, undergraduate students who have previously taken Statistics 110 and CS 1240 (formerly CS 124) are very welcome.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 2420

Course ID: 160624

Computing at Scale

2025 Fall (4 Credits)

MW 0345 PM - 0500 PM

H. Kung

This course focuses on efficient AI computations aimed at reducing the cost of AI model training and inference. Students will learn systematic methods for implementing parallel and distributed computations for computer vision and language models such as CNNs and Transformers across multiple computing cores or nodes. They will also learn techniques for co-designing machine learning models, data curation methods, computing algorithms, and system architectures. Techniques to be studied include systolic arrays, low-bitwidth arithmetic, model pruning, quantization, distillation, low-rank fine-tuning, dynamic selection of submodels (e.g., experts) based on input, speculative decoding, synthetic data generation with stable diffusion, data and model security, scheduling for efficient memory access, reasoning with reinforcement learning, and test-time computing for

reasoning. As a part of programming assignments, students will utilize large language models to generate code that can leverage AI accelerating techniques learned in this course. Upon successful completion of this course, students will be equipped to address the challenging tasks of designing and utilizing energy-efficient, high-performance AI accelerators.

Course Note: This course was previously numbered CS 242.

Recommended prerequisites include: (1) programming experience (Python, MatLab or C/C++ should be fine); (2) basic knowledge in systems and machine organization; (3) familiarity in data structures and algorithms; and (4) maturity in mathematics (e.g., being able to make use of undergraduate linear algebra and statistics). For students with strong interest in the subject matter and related research experience, one of these four requirements may be waived. Labs and extra support will provide preparation in the first weeks of the semester to help students quickly obtain parts of the background necessary to excel in the course.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 2470R

Course ID: 128149
2025 Fall (4 Credits)

Advanced Topics in Computer Architecture

F 0900 AM - 1145 AM

David Brooks

Seminar course exploring recent research in computer architecture. Topics vary from year to year and will include subjects such as multi-core architectures, energy-efficient computing, reliable computing, and the interactions of these issues with system software. Students read and present research papers, undertake a research project.

Course Note: This course was previously numbered CS 247R.

Computer Science 1411 (formerly CS 146) or 2411 (formerly CS 246) or permission of the instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 2480

Course ID: 121984
2026 Spring (4 Credits)

Advanced Design of VLSI Circuits and Systems

MW 0945 AM - 1100 AM

Instructor Permission Required

Gage Hills

Presentation of concepts and techniques for the design and fabrication of VLSI systems and digital MOS integrated circuits. Topics include: basic semiconductor theory; MOS transistors and digital MOS circuits design; synchronous machines, clocking, and timing issues; high-level description and modeling of VLSI systems; synthesis and place and route design flows; and testing of VLSI circuits and systems. Various CAD tools for design, simulation, and verification are extensively used. The contents and course requirements are similar to those of Computer Science 148, with the exception that students enrolled in Computer Science 248 are expected to do a substantial design project and paper discussions on advanced topics.

Course Note: Offered in alternate years. This course was previously numbered CS 248.

Computer Science 1410 (formerly CS 141) or permission of instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 2520R

Course ID: 114807
2025 Fall (4 Credits)

Advanced Topics in Programming Languages

TR 1115 AM - 1230 PM

Nada Amin

Seminar course exploring recent research in programming languages. Topics vary from year to year. Students typically read and present research papers, undertake a research project.

Course Note: This course was previously numbered CS 252R.

Computer Science 1520 (formerly CS 152) or permission of the instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

Formal Methods for Computer Security

TR 1245 PM - 0200 PM

Stephen Chong

This course explores formal methods for computer security, including formal security models, relationships between security properties/policies and enforcement mechanisms, principled techniques and tools to specify, analyze, and construct secure computer systems. Specific topics include properties, hyperproperties, side channels, reasoning about cryptographic protocols, information flow, authorization logics, and verification techniques. Assessment will include homeworks and/or small projects during the semester as well as a final, larger project that is open-ended and driven by student interests.

Course Note: This course was previously numbered CS 254.

Suitable for graduate students and advanced computer science undergraduates. Undergraduates should be comfortable with programming (e.g., CS51 or more advanced), systems (e.g., CS61 or more advanced), and formal reasoning and proofs (at least two #formalreasoning courses).

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 2630Course ID: 160579
2025 Fall (4 Credits)**Systems Security**

MW 0215 PM - 0330 PM

James Mickens

This course explores practical attacks on modern computer systems, explaining how those attacks can be mitigated using careful system design and the judicious application of cryptography. The course discusses topics like buffer overflows, web security, information flow control, and anonymous communication mechanisms such as Tor. The course includes several small projects which give students hands-on experience with various offensive and defensive techniques; the final, larger project is open-ended and driven by student interests.

Course Note: This course was previously numbered CS 263.

Computer Science 1610 (formerly CS 161)

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 2650Course ID: 113660
2026 Spring (4 Credits)**Big Data Systems**

TR 0945 AM - 1100 AM

Stratos Idreos

Big data is everywhere. A fundamental goal across numerous modern businesses and sciences is to be able to utilize as many machines as possible, to consume as much information as possible and as fast as possible. The big challenge is how to turn data into useful knowledge. This is a moving target as both the underlying hardware and our ability to collect data evolve. In this class, we discuss how to design data systems, data structures, and algorithms for key data-driven areas, including relational systems, distributed systems, graph systems, noSQL, newSQL, machine learning, and neural networks. We see how they all rely on the same set of very basic concepts and we learn how to synthesize efficient solutions for any problem across these areas using those basic concepts.

Course Note: This course was previously numbered CS 265.

CS 1650 (formerly CS 165) or permission of instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 2760Course ID: 220127
2026 Spring (4 Credits)**Design, Technology, and Social Impact**

TR 0945 AM - 1100 AM

*Instructor Permission Required**Krzysztof Gajos*

The course explores major areas of research and practice at the intersection of design, technology, and social impact. Specifically, we will explore the current state of research and interesting real-world examples related to the design, evaluation, and implementation of interventions comprising of technical, social, and organizational elements. We will also explore leading theories and methods for anticipating broader, indirect societal impacts of

such intervention. Course activities will involve discussion of primary literature, some guided instruction, assignments, and a major research project.

Course Note: Designed for Computer Science PhD students. Open to masters students, advanced undergraduates, and students from other areas with permission of instructor. This course was previously numbered CS 276.

Design experience (e.g., CS 79, CS 1790/179, CS 2790/279), programming experience.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 2780
Conceptualizing, Building, and Evaluating Usable Novel Interactive Systems

Course ID: 224543
2026 Spring (4 Credits)

MW 0345 PM - 0500 PM

Instructor Permission Required

Elena Glassman

Students learn critical techniques, concepts, and technologies for building usable novel interactive systems, alone and in teams. Assignments provide hands-on experiences with different modern frameworks, platforms, and libraries while conceptual commonalities and distinctions are annotated and explained at multiple levels, from the programming environments to the interfaces users interact with. Discussions grounded in readings will also cover human cognitive capabilities, iterative prototyping, and human-AI interaction. The final research project requires iteratively designing and building a novel interactive system informed by pilot user studies and a final evaluation with target users. Designed for PhD students interested in HCI or using interactive systems as tools for discovery in other fields.

Programming experience required; undergraduate prerequisite: CS 2790R (formerly CS 279R).

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 2790R
Research Topics in Human-Computer Interaction

Course ID: 121985
2025 Fall (4 Credits)

MW 0130 PM - 0245 PM

Instructor Permission Required

Elena Glassman

Students will read, write about, prepare presentations about, and discuss human-computer interaction (HCI) and HCI-relevant work with a focus on papers about interfaces and automation that work especially well with (or clash against) human cognitive capabilities. Papers will primarily be on the building and evaluation of novel systems, as well as theories of and studies characterizing human cognition relevant to human-AI interaction scenarios. As a semester-long final project, students will pursue a research project of their own design in self-organized groups and present their findings in writing and orally in a conference-style format, as means to understand more deeply the processes behind HCI research.

Course Note: Designed for PhD students from all areas; a diversity of disciplinary backgrounds has greatly benefited past student teams. Several student teams have subsequently iterated on and published their projects in top-tier venues. Masters students and advanced undergraduates are welcome, particularly those who wish to write a thesis or apply for a PhD in an area related to Human-Computer Interaction. This course was previously numbered CS 279R.

Undergraduates are strongly recommended to have taken at least one of these related Computer Science classes first: 1710/171, 179, 1780/178, 79, 73, or 2760/276. Exceptions may be made in light of prior relevant research experiences.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 2822R
Topics in Machine Learning: Computational Properties in Interpretable Machine Learning

Course ID: 156936
2026 Spring (4 Credits)

MW 1245 PM - 0200 PM

Instructor Permission Required

Finale Doshi-Velez

There has been growing interest in recent years for machine learning systems that are somehow transparent about their inner workings -- whether it be that the entire system is inherently interpretable, or that a single decision can somehow be explained. However, the question of what approach is best for what context remains elusive. In this course, we will focus on computational properties of interpretable machine learning methods,

such as faithfulness or stability. Assessing methods with respect to these properties may allow us to rule out poorly-performing approaches without the need for expensive user studies. By categorizing methods by their computational properties, we will also be able to start thinking about which methods might be useful for a specific context. After a few initial assignments, the course will be focused on reading papers, discussion, and a semester-long project.

Course Note: This course was previously numbered CS 282R.

Students are expected to be fluent in basic linear algebra (matrix manipulation), basic statistics (e.g. rules of expectations, importance sampling), basic reinforcement learning (at a CS181/181 level), and basic software engineering (e.g. programming in Python and numpy, data with 10,000+ rows).

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 2840

Course ID: 224539

Computational Optimal Transport for Machine Learning

2025 Fall (4 Credits)

TR 1245 PM - 0200 PM

Instructor Permission Required

David Alvarez Melis

Optimal Transport (OT) has quickly become an important part of the Machine Learning (ML) toolkit, where it has been used for various purposes, from learning mappings between datasets to proving convergence results for neural network training. This advanced-topics course will cover the mathematical foundations and computational aspects of OT in the context of machine learning applications. Foundational topics covered will include: Monge and Kantorovich formulations of OT, duality, entropy regularization, Gromov-Wasserstein distances, dynamic formulations, and Benamou-Brenier theory. Each of these will be presented in the context of their use for specific problems in machine learning, including domain adaptation, generative models, correspondence analysis, and gradient flows. The course combines theoretical rigor with practical exercises, implementing OT algorithms and analyzing their impact on real-world machine learning challenges. The classes will consist of a combination of instructor-led lectures on fundamentals and student-led discussion of relevant academic papers. Interested students should have a solid foundation in linear algebra, probability, and machine learning principles.

Mathematical maturity and familiarity with machine learning (e.g. via CS 181), optimization (e.g. APMATH 121), and probability (e.g., STAT 110) are strongly encouraged.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 2880

Course ID: 217643

AI for Social Impact

2026 Spring (4 Credits)

MW 0215 PM - 0330 PM

Instructor Permission Required

Milind Tambe

Recent years have seen AI successfully applied to societal challenge problems. Indeed, recognizing the potential of AI for tremendous social impact in the future, "AI for social impact" is growing as a subdiscipline within AI. In this course, we will discuss successful case studies of use of AI for public health, environmental sustainability, public safety and public welfare. Simultaneously, we will discuss key foundations of the area of AI for social impact. To that end, among other topics, we will focus on challenges in AI for Social Impact, what makes projects successful, how to investigate project impact in the field and ethical considerations for such projects. A key part of this course will be AI4SI projects with non-profits.

Course Note: This course was previously numbered CS 288.

Students must have adequate background in AI, such as CS 1810 (formerly CS 181) or 1820 (formerly CS 182) or equivalent introductory courses. Students who have previous experience in AI for social impact, e.g., interdisciplinary projects that considered direct societal applications, will be given priority.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 2881R

Course ID: 207862

Topics in Foundations of ML: AI Alignment and Safety

2025 Fall (4 Credits)

R 0345 PM - 0630 PM

Instructor Permission Required

Boaz Barak

This will be a graduate level course on challenges in alignment and safety of artificial intelligence. We will consider both technical aspects as well as questions on societal and other impact on the field. This is a fast-moving area and it will be a fast-moving course. I will expect students to be able to pick up technical

knowledge on their own. In a sense, the programming language for this course will be English: students will be allowed and encouraged to use AI tools for all homework and assignments. On the other hand, this means that expectations will be raised: it may well be the case that I would expect you to do in a week assignments that in previous years would have taken a month.

Course Note: This course was previously numbered CS 229BR. Enrollment priority is given to PhD students. If you are interested in taking this course, please fill out the form <https://forms.gle/Xd1HgTcZkmE95XaZ8> to make sure you get updates on homework zero and other course logistics.

Students are expected to be proficient in programming as well as mathematically mature. You should be comfortable with concepts in statistics, optimizations, as well as programming and applied machine learning such as training and fine tuning a neural network. In particular we expect students to be familiar with all concepts taught at Harvard CS 1810 (formerly CS 181) or MIT 6.390. Most of all, you should be prepared to pick up both applied skills and mathematical topics on your own. I will publish a "Homework Zero" on my homepage before the course starts. Students will be required to complete and submit it in order to apply to be enrolled in the course.

FAS Divisional Distribution: Science & Engineering & Applied Science

COMPSCI 2901

Course ID: 216811
2025 Fall (2 Credits)

Seminar on Effective Research Practices and Academic Culture

F 0945 AM - 1145 AM

Boaz Barak

This is a reading and discussion-based seminar designed for entering Computer Science Ph.D. students. This course prepares students to manage the difficult and often undiscussed challenges of Ph.D. programs through sessions on research skill building (e.g. paper reading, communication), soft skill building (e.g. managing advising relationships, supporting your peers), and academic culture (e.g. mental health in academia, power dynamics in scientific communities), as well as research and professional-oriented discussions. This is a full-year, 4-unit course, meeting once a week in each of the fall and the spring. Students must complete both terms of this course (CS 2901 and CS 2902) within the same academic year to receive credit.

Course Note: This course is required for new (G1) Computer Science Ph.D. students. It satisfies one of the CS 200-level electives (one of the 10 required classes for the Computer Science Ph.D. degree). SEAS G1 Ph.D. students in related fields may petition to enroll with instructor permission. This course was previously numbered CS 290A.

Requires: Graduate Year 1 Comp-Sci PhDs Only

Full Year Course: Indivisible Course

FAS Divisional Distribution: None

COMPSCI 2902

Course ID: 218809
2026 Spring (2 Credits)

Seminar on Effective Research Practices and Academic Culture

F 0945 AM - 1145 AM

This is a reading and discussion-based seminar designed for entering Computer Science Ph.D. students. This course prepares students to manage the difficult and often undiscussed challenges of Ph.D. programs through sessions on research skill building (e.g. paper reading, communication), soft skill building (e.g. managing advising relationships, supporting your peers), and academic culture (e.g. mental health in academia, power dynamics in scientific communities), as well as research and professional-oriented discussions. This is a full-year, 4-unit course, meeting once a week in each of the fall and the spring. Students must complete both terms of this course (CS 2901 and CS 2902) within the same academic year to receive credit.

Course Note: This course is required for new (G1) Computer Science Ph.D. students. It satisfies one of the CS 200-level electives (one of the 10 required classes for the Computer Science Ph.D. degree). SEAS G1 Ph.D. students in related fields may petition to enroll with instructor permission. This course was previously numbered CS 290B.

Requires: Pre-requisite: COMPSCI 290A

FAS Divisional Distribution: None

Full Year Course: Indivisible Course

COMPSCI 2990R

Course ID: 114035
2025 Fall (4 Credits)

Special Topics in Computer Science

No meeting time listed

Instructor Permission Required

David Alvarez Melis

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

COMPSCI 2990R

Special Topics in Computer Science

No meeting time listed

Madhu Sudan

Course ID: 114035
2026 Spring (4 Credits)

Instructor Permission Required

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

COMPSCI 2990R (002)

Special Topics in Computer Science

No meeting time listed

Nada Amin

Course ID: 114035
2025 Fall (4 Credits)

Instructor Permission Required

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

COMPSCI 2990R (003)

Special Topics in Computer Science

Course ID: 114035
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Anurag Anshu

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

COMPSCI 2990R (004)

Course ID: 114035

Special Topics in Computer Science

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Boaz Barak

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

COMPSCI 2990R (005)

Course ID: 114035

Special Topics in Computer Science

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Kiante Brantley

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**David Brooks*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Sitan Chen*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Yiling Chen*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science*No meeting time listed**Instructor Permission Required**Stephen Chong*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science*No meeting time listed**Instructor Permission Required**Finale Doshi-Velez*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science*No meeting time listed**Instructor Permission Required**Yilun Du*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Cynthia Dwork*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Krzysztof Gajos*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Stephanie Gil*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Elena Glassman*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Yannai Gonczarowski*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Steven Gortler*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Stratos Idreos*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Sham Kakade*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Eddie Kohler*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Hima Lakkaraju*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**James Mickens*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Michael Mitzenmacher*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Susan Murphy*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**David Parkes*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Hanspeter Pfister*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Ariel Procaccia*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Stuart Shieber*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Michael Smith*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Madhu Sudan*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Milind Tambe*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Salil Vadhan*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Leslie Valiant*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Fernanda Viegas*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Jim Waldo*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Martin Wattenberg*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Juncheng Yang*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

Special Topics in Computer Science

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Minlan Yu*

Experimental or theoretical research project on acceptable problems in computer science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

This course was previously numbered CS 299R.

FAS Divisional Distribution: None

COMPSCI 3060

Readable, Extensible, High-Performance Software Systems

No meeting time listed

Eddie Kohler

Course ID: 109278

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 306.

FAS Divisional Distribution: None

COMPSCI 3060

Readable, Extensible, High-Performance Software Systems

No meeting time listed

Eddie Kohler

Course ID: 109278

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 306.

FAS Divisional Distribution: None

COMPSCI 3100

Computational Mechanism Design, Electronic Marketplaces, and Multi-Agent Systems

No meeting time listed

David Parkes

Course ID: 116301

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 310.

FAS Divisional Distribution: None

COMPSCI 3100

Computational Mechanism Design, Electronic Marketplaces, and Multi-Agent Systems

No meeting time listed

David Parkes

Course ID: 116301

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 310.

FAS Divisional Distribution: None

COMPSCI 3140

Visual Computing

No meeting time listed

Hanspeter Pfister

Course ID: 124155

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 314.

FAS Divisional Distribution: None

COMPSCI 3140

Visual Computing

No meeting time listed

Hanspeter Pfister

Course ID: 124155

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 314.

FAS Divisional Distribution: None

COMPSCI 3160

Social Computing: Computation and Economics

No meeting time listed

Yiling Chen

Course ID: 125388
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 316.

FAS Divisional Distribution: None

COMPSCI 3160

Social Computing: Computation and Economics

No meeting time listed

Yiling Chen

Course ID: 125388
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 316.

FAS Divisional Distribution: None

COMPSCI 3180

Machine Learning, Visualization, and Human-Computer Interaction

No meeting time listed

Martin Wattenberg

Course ID: 219963
2025 Fall (4 Credits)

Instructor Permission Required

COMPSCI 3180

Machine Learning, Visualization, and Human-Computer Interaction

No meeting time listed

Martin Wattenberg

Course ID: 219963
2026 Spring (4 Credits)

Instructor Permission Required

COMPSCI 3200

Data Systems Design

No meeting time listed

Stratos Idreos

Course ID: 156744
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 320.

FAS Divisional Distribution: None

COMPSCI 3200

Data Systems Design

No meeting time listed

Stratos Idreos

Course ID: 156744
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 320.

FAS Divisional Distribution: None

COMPSCI 3210	Course ID: 216720
Graduate Research with Procaccia	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Ariel Procaccia</i>	

Course Note: This course was previously numbered CS 321.

FAS Divisional Distribution: None

COMPSCI 3210	Course ID: 216720
Graduate Research with Procaccia	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Ariel Procaccia</i>	

Course Note: This course was previously numbered CS 321.

FAS Divisional Distribution: None

COMPSCI 3240	Course ID: 111666
Human-Computer Communication through Natural, Graphical, and Artificial Languages	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Stuart Shieber</i>	

Course Note: This course was previously numbered CS 324.

FAS Divisional Distribution: None

COMPSCI 3240	Course ID: 111666
Human-Computer Communication through Natural, Graphical, and Artificial Languages	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Stuart Shieber</i>	

Course Note: This course was previously numbered CS 324.

FAS Divisional Distribution: None

COMPSCI 3250	Course ID: 212951
Communicating with Machines About Data	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Elena Glassman</i>	

Course Note: This course was previously numbered CS 325.

FAS Divisional Distribution: None

COMPSCI 3250	Course ID: 212951
Communicating with Machines About Data	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Elena Glassman</i>	

Course Note: This course was previously numbered CS 325.

FAS Divisional Distribution: None

COMPSCI 3260

Intelligent Interactive Systems and Human-Computer

No meeting time listed

Krzysztof Gajos

Course ID: 126331
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 326.

FAS Divisional Distribution: None

COMPSCI 3260

Intelligent Interactive Systems and Human-Computer

No meeting time listed

Krzysztof Gajos

Course ID: 126331
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 326.

FAS Divisional Distribution: None

COMPSCI 3270

Tools for Reliable Meaningful Efficient Communication

No meeting time listed

Madhu Sudan

Course ID: 160962
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 327.

FAS Divisional Distribution: None

COMPSCI 3270

Tools for Reliable Meaningful Efficient Communication

No meeting time listed

Madhu Sudan

Course ID: 160962
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 327.

FAS Divisional Distribution: None

COMPSCI 3320

Complexity of Quantum Many-Body Systems: Area Laws and Hardness of Approximation

No meeting time listed

Anurag Anshu

Course ID: 219961
2025 Fall (4 Credits)

Instructor Permission Required

COMPSCI 3320

Complexity of Quantum Many-Body Systems: Area Laws and Hardness of Approximation

No meeting time listed

Anurag Anshu

Course ID: 219961
2026 Spring (4 Credits)

Instructor Permission Required

COMPSCI 3350	Course ID: 206566
Complexity, Algorithms, Cryptography, and Convex Programming	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Boaz Barak</i>	

COMPSCI 3350	Course ID: 206566
Complexity, Algorithms, Cryptography, and Convex Programming	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Boaz Barak</i>	

COMPSCI 3360	Course ID: 222933
Algorithmic Statistics	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Sitan Chen</i>	

COMPSCI 3360	Course ID: 222933
Algorithmic Statistics	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Sitan Chen</i>	

COMPSCI 3440	Course ID: 116858
Computer Architecture: Modeling and Design	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>David Brooks</i>	

Course Note: This course was previously numbered CS 344.

FAS Divisional Distribution: None

COMPSCI 3440	Course ID: 116858
Computer Architecture: Modeling and Design	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>David Brooks</i>	

Course Note: This course was previously numbered CS 344.

FAS Divisional Distribution: None

COMPSCI 3450	Course ID: 117839
Datacenter networking	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Minlan Yu</i>	

Course Note: This course was previously numbered CS 345.

FAS Divisional Distribution: None

COMPSCI 3450

Datacenter networking

No meeting time listed

Minlan Yu

Course ID: 117839

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 345.

FAS Divisional Distribution: None

COMPSCI 3460

High-Performance Computer Systems

No meeting time listed

Michael Smith

Course ID: 117841

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 346.

FAS Divisional Distribution: None

COMPSCI 3460

High-Performance Computer Systems

No meeting time listed

Michael Smith

Course ID: 117841

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 346.

FAS Divisional Distribution: None

COMPSCI 3480

Computer Vision

No meeting time listed

Todd Zickler

Course ID: 120091

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 348.

FAS Divisional Distribution: None

COMPSCI 3480

Computer Vision

No meeting time listed

Todd Zickler

Course ID: 120091

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 348.

FAS Divisional Distribution: None

COMPSCI 3510

Research in Programming Languages, Design and Implementation

No meeting time listed

Nada Amin

Course ID: 216721

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 351.

FAS Divisional Distribution: None

COMPSCI 3510

Research in Programming Languages, Design and Implementation

No meeting time listed

Nada Amin

Course ID: 216721

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 351.

FAS Divisional Distribution: None

COMPSCI 3560

Computational Complexity, Parallel Computation, Computational Learning, Neural Computation

No meeting time listed

Leslie Valiant

Course ID: 113027

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 356.

FAS Divisional Distribution: None

COMPSCI 3560

Computational Complexity, Parallel Computation, Computational Learning, Neural Computation

No meeting time listed

Leslie Valiant

Course ID: 113027

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 356.

FAS Divisional Distribution: None

COMPSCI 3580

Computational Complexity, Cryptography, and Pseudorandomness

No meeting time listed

Salil Vadhan

Course ID: 115136

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 358.

FAS Divisional Distribution: None

COMPSCI 3580

Computational Complexity, Cryptography, and Pseudorandomness

No meeting time listed

Salil Vadhan

Course ID: 115136

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 358.

FAS Divisional Distribution: None

COMPSCI 3600

On-line Algorithms and Randomized Algorithms

Course ID: 109883

2025 Fall (4 Credits)

No meeting time listed
Michael Mitzenmacher

Instructor Permission Required

Course Note: This course was previously numbered CS 360.

FAS Divisional Distribution: None

COMPSCI 3600
On-line Algorithms and Randomized Algorithms

Course ID: 109883
2026 Spring (4 Credits)

No meeting time listed
Michael Mitzenmacher

Instructor Permission Required

Course Note: This course was previously numbered CS 360.

FAS Divisional Distribution: None

COMPSCI 3610
Topics in Distributed Systems

Course ID: 119043
2025 Fall (4 Credits)

No meeting time listed
Jim Waldo

Instructor Permission Required

Course Note: This course was previously numbered CS 361.

FAS Divisional Distribution: None

COMPSCI 3610
Topics in Distributed Systems

Course ID: 119043
2025 Fall (4 Credits)

No meeting time listed
Jim Waldo

Instructor Permission Required

Course Note: This course was previously numbered CS 361.

FAS Divisional Distribution: None

COMPSCI 3620
Software Systems: Security, Performance, and Robustness

Course ID: 160959
2025 Fall (4 Credits)

No meeting time listed
James Mickens

Instructor Permission Required

Course Note: This course was previously numbered CS 362.

FAS Divisional Distribution: None

COMPSCI 3620
Software Systems: Security, Performance, and Robustness

Course ID: 160959
2026 Spring (4 Credits)

No meeting time listed
James Mickens

Instructor Permission Required

Course Note: This course was previously numbered CS 362.

FAS Divisional Distribution: None

COMPSCI 3640	Course ID: 126329
Programming Languages and Security	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Stephen Chong</i>	

Course Note: This course was previously numbered CS 364.

FAS Divisional Distribution: None

COMPSCI 3640	Course ID: 126329
Programming Languages and Security	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Stephen Chong</i>	

Course Note: This course was previously numbered CS 364.

FAS Divisional Distribution: None

COMPSCI 3660	Course ID: 224852
Data System Design and Implementation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Juncheng Yang</i>	

COMPSCI 3660	Course ID: 224852
Data System Design and Implementation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Juncheng Yang</i>	

COMPSCI 3720	Course ID: 204561
Topics in Theory for Society	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Cynthia Dwork</i>	

COMPSCI 3720	Course ID: 204561
Topics in Theory for Society	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Cynthia Dwork</i>	

COMPSCI 3740	Course ID: 219962
Graduate Research with Gonczarowski	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Yannai Gonczarowski</i>	

COMPSCI 3740	Course ID: 219962
Graduate Research with Gonczarowski	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Yannai Gonczarowski</i>	

COMPSCI 3760

Computer Graphics

No meeting time listed

Steven Gortler

Course ID: 121071

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 376.

FAS Divisional Distribution: None

COMPSCI 3760

Computer Graphics

No meeting time listed

Steven Gortler

Course ID: 121071

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 376.

FAS Divisional Distribution: None

COMPSCI 3770

Data Visualization, Human-Computer Interaction and Machine Learning

No meeting time listed

Fernanda Viegas

Course ID: 220431

2025 Fall (4 Credits)

Instructor Permission Required

COMPSCI 3770

Data Visualization, Human-Computer Interaction and Machine Learning

No meeting time listed

Fernanda Viegas

Course ID: 220431

2026 Spring (4 Credits)

Instructor Permission Required

COMPSCI 3790

Data-Centric Machine Learning

No meeting time listed

David Alvarez Melis

Course ID: 222934

2025 Fall (4 Credits)

Instructor Permission Required

COMPSCI 3790

Data-Centric Machine Learning

No meeting time listed

David Alvarez Melis

Course ID: 222934

2026 Spring (4 Credits)

Instructor Permission Required

COMPSCI 3810

Trustworthy ML in the Era of Foundation Models

No meeting time listed

Hima Lakkaraju

Course ID: 224035

2025 Fall (4 Credits)

Instructor Permission Required

COMPSCI 3810

Trustworthy ML in the Era of Foundation Models

No meeting time listed

Hima Lakkaraju

Course ID: 224035

2026 Spring (4 Credits)

Instructor Permission Required

COMPSCI 3820	Course ID: 224977
Machine Learning & AI	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Kiante Brantley</i>	

COMPSCI 3820	Course ID: 224977
Machine Learning & AI	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Kiante Brantley</i>	

COMPSCI 3830	Course ID: 220432
Machine Learning and Artificial Intelligence	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Sham Kakade</i>	

COMPSCI 3830	Course ID: 220432
Machine Learning and Artificial Intelligence	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Sham Kakade</i>	

COMPSCI 3840	Course ID: 226234
Advanced Topics in Embodied Intelligence	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Yilun Du</i>	

COMPSCI 3840	Course ID: 226234
Advanced Topics in Embodied Intelligence	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Yilun Du</i>	

COMPSCI 3850	Course ID: 213680
Artificial Intelligence for Social Good	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Milind Tambe</i>	

Course Note: This course was previously numbered CS 385.

FAS Divisional Distribution: None

COMPSCI 3850	Course ID: 213680
Artificial Intelligence for Social Good	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Milind Tambe</i>	

Course Note: This course was previously numbered CS 385.

FAS Divisional Distribution: None

COMPSCI 3860

Machine Learning

No meeting time listed

Finale Doshi-Velez

Course ID: 160970

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 386.

FAS Divisional Distribution: None

COMPSCI 3860

Machine Learning

No meeting time listed

Finale Doshi-Velez

Course ID: 160970

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 386.

FAS Divisional Distribution: None

COMPSCI 3870

Statistical Reinforcement Learning

No meeting time listed

Susan Murphy

Course ID: 214477

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 387.

FAS Divisional Distribution: None

COMPSCI 3870

Statistical Reinforcement Learning

No meeting time listed

Susan Murphy

Course ID: 214477

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 387.

FAS Divisional Distribution: None

COMPSCI 3880

Multi-Robot Systems Coordination and Control

No meeting time listed

Stephanie Gil

Course ID: 216671

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 388.

FAS Divisional Distribution: None

COMPSCI 3880

Multi-Robot Systems Coordination and Control

No meeting time listed

Stephanie Gil

Course ID: 216671

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: This course was previously numbered CS 388.

Earth and Planetary Sciences

Earth & Planetary Sciences

E-PSCI 6

Course ID: 216015
2025 Fall (4 Credits)

Introduction to Environmental Science and Engineering

MW 1030 AM - 1145 AM

Steven Wofsy, Bryan Yoon

This course will provide students with an introduction to environmental science and engineering by providing an overview of current environmental issues, including climate change, air pollution, and water pollution. Students critically evaluate underlying science and knowledge limitations, and explore the nexus between scientific knowledge, regulatory frameworks, and engineering solutions to some of the world's most pressing environmental problems. The course will emphasize the interconnected biological, geological, and chemical cycles of the earth system including the multi-dimensional impacts of human activity.

Course Note: This course requires students to choose a lab time during registration.

EPS 6 is also offered as ESE 6. Students may not take both for credit. This course fulfills the EPS sub-discipline requirement of Climate, Atmosphere, and Oceans.

The course presumes basic knowledge in chemistry and physics at the high school level. Students will acquire additional skills and knowledge in these areas, as applied to environmental problems, as well as learning basic data analysis and coding skills.

Requires: Prerequisite/Co-requisite: Math 1B (or concurrent), or permission of the instructor

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 10

Course ID: 203888
2025 Fall (4 Credits)

A Brief History of the Earth

MW 0130 PM - 0245 PM

Rebecca Fischer

This is an introduction to Earth and planetary science for EPS concentrators and an overview, for those outside the field, of the critical events and processes that have shaped the Earth's evolution and its place in the Solar System. The course is designed to highlight the processes, from the scale of microbes to that of tectonic plates, that drive the Earth's response to internal and external perturbations, and we will explore both the timescale of those perturbations and the limits of the Earth's resilience. By considering the full sweep of geologic time, from the Earth's formation to our modern world, the course will take advantage of a series of natural experiments to compare the Earth system during periods with and without atmospheric oxygen, animals, land plants, and polar ice sheets, and to compare it, on occasion, with other terrestrial planets.

Course Note: This course includes a mandatory lab component. There will be one field trip as part of this course, a one-day, local, in-person field trip.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 50

Course ID: 128224
2026 Spring (4 Credits)

The Fluid Earth: Oceans, Atmosphere, Climate, and Environment

MW 0900 AM - 1015 AM

Marianna Linz

This course introduces students to the fluid Earth, emphasizing Earth's weather and climate, the carbon cycle, and global environmental change. The physical concepts necessary for understanding the structure, motion and energy balance of the atmosphere, ocean, and cryosphere are covered first, and then these concepts are applied in exploring major earth processes. Examples from Earth's past history, on-going changes in the climate, and implications for the future are highlighted.

Course Note: Course includes lectures twice a week, and either a one hour section or a lab each week. This course fulfills the EPS sub-discipline requirement of Climate, Atmosphere, and Oceans.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 52

Global Geophysics

TR 0130 PM - 0245 PM

Jerry Mitrovica

This course provides a comprehensive introduction to global geophysics. The course serves as a bridge between introductory Earth science courses and higher-level courses in tectonics, seismology and planetary sciences, though no previous experience in Earth Science is necessary. Topics include plate tectonics, the Earth's composition and thermal state, rheology, ice age dynamics, mantle convection, the Earth's gravity field and geodesy, sea-level changes from deep time to modern, and paleoclimate.

Course Note: This course fulfills the EPS sub-discipline requirement of Geology, Geophysics, and Planetary Science.

Applied Mathematics 22a/b (or Mathematics 21a/b; or Mathematics 22a/b); Physics 15a/b (prior or concurrent) or Physical Sciences 12a/b; or permission of the instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 54

Minerals and Rocks of the Earth and Planets

No meeting time listed

Rebecca Fischer

Minerals and rocks are the building blocks of the Earth and other planets, and understanding their properties and occurrences has applications to many diverse areas of Earth and planetary sciences. This course provides a comprehensive foundation of mineralogy and introductory petrology for students of Earth and planetary sciences, materials science, chemistry, or related fields. Topics include: bonding; symmetry; crystallography; deep Earth mineralogy; planetary mineralogy; petrology; and the bonding, structures, geology, and significance of a wide range of mineral and rock types. Weekly lab sections will cover crystal structures, symmetry, and the identification of a variety of common minerals and rocks.

Course Note: Once weekly lab section, 2 hours long. This course fulfills the EPS sub-discipline requirement of Geology, Geophysics, and Planetary Science.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 55

Earthquake Explorer

WF 1030 AM - 1145 AM

Seyed Mostafa Mousavi

Embark on a journey through the fascinating world of earthquake science, primarily through the lens of seismic data. In this introductory course to earthquake seismology, we will explore what we know (and don't know) about earthquakes and their impacts. We'll cover where and why earthquakes occur, and develop an understanding of how they initiate and generate seismic waves. Learn how to use seismic data to probe earthquake sources and discover the data types and models that illuminate how earthquake sequences evolve in space and time.

Course Note: This course fulfills the EPS sub-discipline requirement of Geology, Geophysics, and Planetary Science.

It is recommended that you take EPS 10 before this course.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 56

The History and Evolution of Life on Earth

MW 1030 AM - 1145 AM

Javier Ortega-Hernandez, Nadja Drabon

Within our solar system, Earth is distinguished as the planet with life. Living organisms are complex entities that originated from planetary processes, have been sustained by the same processes for approximately four billion years, and have fundamentally affected the functioning and composition of the Earth's surface and

Course ID: 109231

2025 Fall (4 Credits)

Course ID: 219734

2026 Spring (4 Credits)

Course ID: 205190

2025 Fall (4 Credits)

Course ID: 108969

2026 Spring (4 Credits)

Instructor Permission Required

atmosphere. In this course we will investigate the ways that Earth and life interact with each other, focusing on the biogeochemical cycles of major elements, and the interplay between complex organisms and their ever-changing environment. This will provide a framework for interpreting the fascinating history of life reconstructed from a comprehensive understanding of the rock record, the diversity of life through time, and evolutionary biology.

Course Note: Course includes a weekly three-hour lab and one field trip.

EPS 56 is also offered as OEB 56. Students may not take both for credit. This course fulfills the EPS sub-discipline requirement of Geobiology, Geochemistry, and Earth History.

EPS 10, OEB 10, or Life Sciences 1b, or permission of instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 91

Supervised Reading and Research

Course ID: 110761
2025 Fall (4 Credits)

No meeting time listed

Roger Fu

Supervised reading and research on topics not covered by regular courses of instruction. Taught by faculty members of the department.

Course Note: Usually intended for junior or senior concentrators in Earth and Planetary Sciences; open to sophomore concentrators under some circumstances.

To enroll, students must submit a registration form, which includes permission of their faculty sponsor, to the Academic Programs Manager.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 91

Supervised Reading and Research

Course ID: 110761
2026 Spring (4 Credits)

No meeting time listed

Roger Fu

Instructor Permission Required

Supervised reading and research on topics not covered by regular courses of instruction. Taught by faculty members of the department.

Course Note: Usually intended for junior or senior concentrators in Earth and Planetary Sciences; open to sophomore concentrators under some circumstances.

To enroll, students must submit a registration form, which includes permission of their faculty sponsor, to the Academic Programs Manager.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 99A

Tutorial - Senior Year

Course ID: 120379
2025 Fall (4 Credits)

No meeting time listed

Chloe Anderson, Esther James

Research and writing of the senior thesis under faculty direction.

Course Note: To enroll, students must submit a registration form, which includes permission of their faculty sponsor, to the Academic Programs Manager.

Full Year Course: Indivisible Course

FAS Divisional Distribution: None

E-PSCI 99A

Tutorial - Senior Year

Course ID: 120379
2026 Spring (4 Credits)

No meeting time listed

Chloe Anderson, Esther James

Research and writing of the senior thesis under faculty direction.

Course Note: To enroll, students must submit a registration form, which includes permission of their faculty sponsor, to the Academic Programs Manager.

FAS Divisional Distribution: None

Full Year Course: Indivisible Course

E-PSCI 99B

Course ID: 159619

Tutorial - Senior Year

2025 Fall (4 Credits)

No meeting time listed

Esther James, Chloe Anderson

Research and writing of the senior thesis under faculty direction.

Course Note: Senior honors candidates must take at least one term of this course (fall or spring) if writing a thesis; an oral presentation is required.

To enroll, students must submit a registration form, which includes permission of their faculty sponsor, to the Academic Programs Manager.

Requires: Pre-requisite: E-PSCI 99A

Full Year Course: Indivisible Course

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 99B

Course ID: 159619

Tutorial - Senior Year

2026 Spring (4 Credits)

No meeting time listed

Esther James, Chloe Anderson

Research and writing of the senior thesis under faculty direction.

Course Note: Senior honors candidates must take at least one term of this course (fall or spring) if writing a thesis; an oral presentation is required.

To enroll, students must submit a registration form, which includes permission of their faculty sponsor, to the Academic Programs Manager.

Requires: Pre-requisite: E-PSCI 99A

Full Year Course: Indivisible Course

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 100

Course ID: 122333

The Missing Matlab Course: A Practical Introduction to Programming and Data Analysis

2025 Fall (4 Credits)

TR 1200 PM - 0245 PM

Miaki Ishii

Being able to write a working program is not just about syntaxes of the programming language but involves other skills such as debugging and being able to convert a problem at hand to a sequence of commands. This intense course develops these skills for successful program writing by being hands-on. Students will first learn new syntaxes and then spend time writing numerous scripts.

Course Note: No prior knowledge of MATLAB is required. Knowledge of basic algebra (vectors and matrices) is required. Course meeting time includes lecture and lab. Students are not allowed to audit the course.

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 101

Course ID: 214499

Global Warming Science 101

2026 Spring (4 Credits)

W 0300 PM - 0545 PM

Eli Tziperman

An introduction to the science of global warming/climate change meant to assist students in understanding issues that often appear in the news and public debates. The course is meant for any STEM student with basic math preparation, not assuming prior science courses. Topics include the greenhouse effect and consequences of the rise of greenhouse gasses, including sea level rise, ocean acidification, heat waves, droughts, glacier melting, forest fires, expected changes to hurricanes, and more. An ability to critically evaluate observations, predictions, and risks will be developed throughout. The students will be guided in a hands-on, in-class quantitative analysis of climate observations, models, and feedbacks using provided Python Jupyter notebooks.

Course Note: This course fulfills the EPS sub-discipline requirement of Climate, Atmosphere, and Oceans. E-PSCI 101 is also offered as ESE 101. Students may not take both for credit. For SB students: this course can only count as a science elective in the concentration requirements, and SB students must enroll in E-PSCI 101. AB students may enroll in either E-PSCI 101 or ESE 101 to meet their concentration requirements.

Basic calculus and ordinary differential equations, as covered, for example, by Math 19a or Math 21b or permission of instructor. Some previous exposure to programming (in any programming language) is assumed, and Python will be introduced as part of the course. The course will introduce the students to various science subjects, but no prior college-level science knowledge is assumed.

FAS Divisional Distribution: Science & Engineering & Applied Science

Quantitative Reasoning with Data: Yes

E-PSCI 102

Data Analysis and Statistical Inference in the Earth and Environmental Sciences

Course ID: 216019
2025 Fall (4 Credits)

MW 0300 PM - 0415 PM

Roger Fu

Statistical inference, deterministic and stochastic models of data, denoising and filtering, data, visualization, time series analysis, image processing, Monte Carlo methods. The course emphasizes hands-on learning using real data drawn from atmospheric and environmental observations, applied by students in projects and presentations.

Course Note: There is one half-day field trip to the Middlesex Fells to take data for the first of two projects. E-PSCI 102 is also offered as ESE 102. Students may not take both for credit.

Math 21 or Applied Math 22 a and b or equivalent.

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 110

Introduction to Planetary Materials and Earth Resources

Course ID: 109527
2025 Fall (4 Credits)

TR 0430 PM - 0545 PM

Instructor Permission Required

Stein Jacobsen

A comprehensive introduction to how the principles of mineralogy, phase equilibria, and the compositions of terrestrial and extraterrestrial materials are used to understand the evolution of the Earth and its resources. The course will discuss how we know that the Earth's crust has more than sufficient resources for its human population.

Course Note: Course includes a weekly lab and a 3-4 day virtual field trip. This course requires students to choose timed sections during registration.

This course fulfills the EPS sub-discipline requirement of either Geobiology, Geochemistry, and Earth History, or Geology, Geophysics, and Planetary Science.

An introductory earth and or planetary science course and a course in college-level chemistry or equivalent.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 112

Thermodynamics

Course ID: 161215
2026 Spring (4 Credits)

MW 1200 PM - 0115 PM

Instructor Permission Required

Scot Martin

Fundamental concepts and formalisms of conservation of energy and increase of entropy as applied to natural and engineered environmental and biological systems. In addition to lectures, pedagogical approach includes

real-world observations and applications through student presentations and projects.

Course Note: E-PSCI 112 is also offered as ES 112. Students may not take both for credit. Undergraduate engineering students should enroll in ES 112. This course fulfills the EPS sub-discipline requirement of Climate, Atmosphere, and Oceans. Total class capacity of 18 includes students in both ES 112 and EPS 112. Please see course page for lottery instructions.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 120

Introduction to Planetary Sciences

MW 0300 PM - 0415 PM

Roger Fu

An overview of the key physical and chemical processes that occur on planetary bodies of the solar system and a survey of current topics of research.

Course Note: Course includes one additional 3-hour lab, one 3-hour meeting for telescopic observations, and a field trip. The lab and telescopic observations are held from 7:00-10:00 PM due to observatory and telescope access.

Given in alternate years. This course fulfills the EPS sub-discipline requirement of Geology, Geophysics and Planetary Science. Given in alternate years.

Physics 15a or equivalent or permission of instructor. Introductory EPS class such as EPS 10 recommended.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 129

Climate and Atmospheric Physics Laboratory

R 1245 PM - 0330 PM

Marianna Linz

This course will take a hands-on approach to learning climate and atmospheric physics. Some of the topics covered will include the Greenhouse effect, hurricanes, climate variability, the jet stream, and global climate modeling. Students will learn to create effective data visualizations and read scientific literature. Each week will have one 165-minute session to perform laboratory experiments, run models, or analyze data. In this flipped-classroom environment, knowledge transfer will occur primarily outside of class through readings and pre-class assignments in preparation for each session.

Course Note: E-PSCI 129 is also offered as ESE 129. Students may not take both for credit. For SB students: this course can only count as a science elective in the concentration requirements, and SB students must enroll in E-PSCI 129. AB students may enroll in either E-PSCI 129 or ESE 129 to meet their concentration requirements. This course fulfills the EPS sub-discipline requirement of Climate, Atmosphere, and Oceans. This class meets in the Science and Engineering Complex (SEC) 1.216 EnviroLab on the Allston campus.

Physics 12a/15a/16, Math 21a (b strongly recommended) or equivalent or permission of instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 131

Introduction to Physical Oceanography and Climate

TR 1030 AM - 1145 AM

Eli Tziperman

Observations and fundamentals of ocean dynamics, from the role of the oceans in climate change to beach waves. Topics include the greenhouse effect and the role of the oceans in global warming; El Niño events in the equatorial Pacific Ocean; the wind-driven ocean circulation and the Gulf Stream; coastal upwelling and fisheries; temperature, salinity, the overturning ocean circulation and its effect on global climate stability and variability; wave motions: surface ocean waves, internal waves, tsunamis, and tides; ocean observations by ships, satellites, moorings, floats and more. A field trip to the Woods Hole Oceanographic Institution on Cape Cod will be an opportunity to learn about sea-going oceanography. Students will be doing a group video project and group in-class presentations. Scientific computation and visualization methods will be introduced (students may choose either Matlab or Python) and will be used for some homework assignments.

Course Note: EPS 131 is also offered as ESE 131. Students may not take both for credit. This course fulfills the EPS sub-discipline requirement of Climate, Atmosphere, and Oceans. Given in alternate years.

Course ID: 205193
2026 Spring (4 Credits)

Course ID: 213672
2025 Fall (4 Credits)

Course ID: 111361
2026 Spring (4 Credits)

Mathematics 21a, 21b; Physical Sciences 12a, Physics 15a or Applied Physics 50a; or equivalents/ permission of instructor. Basic programming for scientific computation and graphics will be introduced (students may choose either Matlab or Python) and will be used for some homework assignments; no prior programming experience is assumed.

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 132

Introduction to Meteorology and Climate

MW 0900 AM - 1015 AM

Brian Farrell

Physical concepts necessary to understand atmospheric structure and motion. Phenomena studied include the formation of clouds and precipitation, solar and terrestrial radiation, dynamical balance of the large-scale wind, and the origin of cyclones. Concepts developed for understanding today's atmosphere are applied to understanding the record of past climate change and the prospects for climate change in the future.

Course Note: EPS 132 is also offered as ESE 132. Students may not take both for credit. This course fulfills the EPS sub-discipline requirement of Climate, Atmosphere, and Oceans.

Mathematics 21 or Applied Mathematics 22a and 22b; Physical Sciences 12; or permission of instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 133

Atmospheric Chemistry

WF 1030 AM - 1145 AM

Daniel Jacob

Chemical and physical processes determining the composition of the atmosphere and its implications for air pollution, climate, and life on Earth. Emphasis is on the construction of engineering models and the application of chemical principles to understand and address current environmental issues. Nitrogen, oxygen, and carbon cycles. Climate forcing by greenhouse gases and aerosols. Stratospheric ozone. Oxidizing power of the atmosphere. Methane. Surface air pollution: aerosols and ozone. Deposition to ecosystems: acid rain, nitrogen, mercury.

Course Note: E-PSCI 133 is also offered as ESE 133. Students may not take both for credit. This course fulfills the EPS sub-discipline requirement of Climate, Atmosphere, and Oceans.

Physical Sciences 11, Mathematics 1b, or equivalents.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 135

Observing the Ocean: Measurements and Instrumentation

TR 0900 AM - 1015 AM

Fiamma Straneo

Course ID: 226212

2025 Fall (4 Credits)

Instructor Permission Required

Is the ocean warming? Where and why is sea level rising? Where does the freshwater from Arctic ice melting go? Using real-world examples, this course will provide an overview of why and how we measure the ocean, focusing primarily on its physical properties. It will cover sensors, instruments and platforms, best field practices in data collection and calibration, fieldwork organization implementation, and ocean data analysis. During the course, students will build, test, and calibrate an ocean profiling instrument. Students will participate in a one-day research cruise where they will collect data using both the instruments they built and other traditional oceanographic instruments.

Course Note: This course includes a weekly 2-hour lab in Allston and two one-day field trips. EPS 135 is also offered as ESE 135. Students may not take both for credit. This course fulfills the EPS sub-discipline requirement of Climate, Atmosphere, and Oceans.

The course is designed for upper-level undergraduates. There are no specific prerequisites, but background in environmental or physical sciences, experience in coding (Python, R, or Matlab), or statistical analysis is recommended.

E-PSCI 141

Isotope and Trace Element Geochemistry and Geochronology

TR 0430 PM - 0545 PM

*Stein Jacobsen*Course ID: 122074
2026 Spring (4 Credits)

The origin of the element and isotope distribution in the Earth and the Solar System. Closed system radioactive decay, isotope fractionation, mass balance and mixing. Application of Rb-Sr, Sm-Nd, U-Th-Pb, Lu-Hf, Re-Os and K-Ar isotope systems for geochronology and as tracers for geological processes. Noble gas geochemistry. Extinct nuclides. Cosmogenic nuclides. U-Th-series nuclides. Planetary isotopic evolution. Stable isotope geochemistry. Application of H, C, N, O, and S isotopes as tracers of geochemical and biogeochemical processes.

Course Note: Course includes a weekly two-hour lab to be arranged. This course fulfills the EPS sub-discipline requirement of Geobiology, Geochemistry, and Earth History, or Geology, Geophysics and Planetary Science. Given in alternate years.

A course in college-level chemistry or equivalent; EPS 51 or EPS 110; or permission of instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 146

Ocean Ridges and the Earth System

MW 0430 PM - 0545 PM

*Charles Langmuir*Course ID: 108000
2026 Spring (4 Credits)

Course will present our current knowledge of the ocean ridge system where two thirds of Earth's crust is continually being created. We will examine the progressive understanding of ocean ridges from a historical perspective, emphasizing the process of scientific discovery. Topics include melt generation in the mantle, magmatic processes in the crust, formation of ocean ridge topography, faulting and tectonics, hydrothermal systems, manifestations in the overlying water column, and the unique ecosystems associated with vents. Approaches must be inherently interdisciplinary, including geochemistry, geophysics, geology, hydrothermal systems, and biology. The place of the ocean ridge system within the overall Earth system will be emphasized.

Course Note: This course includes a weekly two-hour lab to be arranged. This course fulfills the EPS sub-discipline requirement of Geology, Geophysics and Planetary Science.

One of: EPS 10, EPS 50, or GENED 1018; or permission of instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 160 (01)

Space Science and Engineering: Theory and Applications

TR 1030 AM - 1145 AM

*Robin Wordsworth*Course ID: 160957
2026 Spring (4 Credits)*Instructor Permission Required*

This course is an introduction to the challenges involved in designing spacecraft for observation of Earth and exploration of other planets. Topics covered include basic atmospheric and planetary science, key principles of remote sensing, telemetry, orbital transfer theory, propulsion and launch system design, and thermal and power management.

Course Note: EPS 160 is also offered as ESE 160. Students may not take both for credit. Undergraduate engineering students should enroll in ESE 160. This course fulfills the EPS sub-discipline requirement of Geology, Geophysics and Planetary Science.

Math 21a and 21b (or equivalents); and Physical Sciences 12a and 12b (or equivalents). If you haven't taken these courses, permission from the instructor is required.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 164

Environmental and Industrial Chemistry for Energy, Climate, and SustainabilityCourse ID: 216417
2025 Fall (4 Credits)

MW 1200 PM - 0115 PM

Scot Martin

Part 1: Intersection of environment/industry, including decarbonization of the materials industry. Chemistries for cement and steel production without carbon dioxide emission, the smelting industry for extraction of metals from ores, present-day and possible futures for chemistry of a hydrogen economy, and chemistry of emerging battery technologies. Part 2: Environmental processes of chemistry, such as alkalinity of ocean acidification, pH and pE as master variables for the chemistry of an ecosystem, drinking and wastewater treatment, and soil chemistry for agriculture.

Course Note: E-PSCI 164 is also offered as ESE 164. Students may not take both for credit. This course fulfills the EPS sub-discipline requirement of Climate, Atmosphere, and Oceans.

Physical Sciences 11 or equivalent in general chemistry.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 165

Introduction to Seismology

TR 0300 PM - 0545 PM

Miaki Ishii

Introduction to seismology with a focus on conceptual understanding of seismic phenomena. Emphasis will be on earthquakes, e.g., detection, mechanism, characteristics, statistics, hazard, and relationship to dynamics. Broader topics such as the types of seismological data and inferences of the Earth's internal structure also will be covered.

Course Note: Depending upon the availability of seismic instrument expert, there may be one field trip to seismic station at Harvard, MA. This course fulfills the EPS sub-discipline requirement of Geology, Geophysics, and Planetary Science. Given in alternate years.

Mathematics 21ab, 23ab, 25ab, or applied math 22ab.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 166

State-of-the-Art Harvard Climate Observatory and Associated Instrumentation

MWF 0130 PM - 0245 PM

James Anderson

ESE/EPS 166 engages the new Harvard Climate Observatory that will fundamentally herald a new era in both climate research and the development of strategic approaches to advancing the climate impact on public policy. The central objective of the New Climate Observatory is to address this problem by introducing, for the first time, the development of a new generation of innovative technology that takes explicit advantage of recent major advances in Harvard-based instruments and optical designs in combination with advanced solar powered stratospheric aeronautical design. The new solar powered stratospheric aircraft that together constitute the Climate Observatory engage multiple recent design innovations in photovoltaics, energy storage, as well as guidance and control. Together these enable a combination of long duration solar powered observing systems, each targeted at the highest priority risk factors that threaten global societal stability. The resulting observations will, for the first time, provide the irrefutable evidence needed for quantitative forecasts of the dominant risk factors stemming from the global use of fossil fuels. While satellites have for years dominated the federal climate programs, for the purpose of developing tested and trusted quantitative forecasts of risk, satellites engender significant disadvantages. In sharp contrast to satellite systems, the new Harvard Climate Observatory provides, for the first time, orders of magnitude improvement in spatial and temporal resolution observations. ESE/EPS 166 will focus explicitly on this new generation of climate observations, forecasting, and resulting advances in public policy. An important part of the course is the display of Harvard flight instruments in the laboratory and the strategy for addressing unsolved scientific problems with new instrumentation.

Course Note: EPS 166 integrates the challenges of climate scientific objectives with the strategy for instrument innovation, the lab is also integrated with the course structure.

EPS 166 is also offered as ESE 166. Students may not take both for credit.

Math 1a, b; PS 11 or equivalent; PS 12a, b (or Physics 15a, b or AP 50a, b)

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 110819

2025 Fall (4 Credits)

Course ID: 216017

2026 Spring (4 Credits)

Field and Lab-Based Seminar on Local Pollution Issues

TR 1030 AM - 1145 AM

*Instructor Permission Required**Elsie Sunderland*

This course provides a cross-disciplinary overview of environmental science and how research contributes to public policy and human health risk assessment through a case study of a local pollution issue. The course will focus on exposing students to a combination of field, lab and modeling techniques used in environmental sciences through an intensive study of factors affecting the bioaccumulation of contaminants on Cape Cod, MA. The class will include field visits, lab work, and interactive group research aimed at synthesizing research findings. Experience conducting multidisciplinary environmental research and data analysis will be provided. Course Activities: Lectures, discussions, presentations, field/lab research, data analysis.

Course Note: EPS 169 is also offered as ESE 169. Students may not take both for credit. The total class capacity of 18 includes students in both EPS 169 and ESE 169. This course fulfills the EPS sub-discipline requirement of Climate, Atmosphere, and Oceans.

Two semesters of undergraduate chemistry including Physical Sciences 1 or Physical Sciences 11; Mathematics 1a & 1b. Knowledge of basic statistics is also helpful.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 171 (01)Course ID: 112745
2026 Spring (4 Credits)**Structural Geology and Tectonics**

MW 0900 AM - 1015 AM

John Shaw

An introduction to the deformation of Earth materials, including the processes of mountain building and plate tectonics, faulting and earthquakes, folding, and ductile deformation of rocks at high temperatures. Structures are examined using geologic maps, cross sections, geophysical data, satellite imagery, microscopic analysis, analog experiments, and numerical methods. Labs emphasize the applications of structural geology in the energy and environmental industries, and for assessing natural hazards.

Course Note: Course includes a weekly three-hour lab to be arranged and one field trip. This course fulfills the EPS sub-discipline requirement of Geology, Geophysics, and Planetary Science. Given in alternate years.

EPS 10 or EPS 55, an equivalent course, or permission of the instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 174Course ID: 120728
2025 Fall (4 Credits)**Field Experiences in Earth and Planetary Sciences***No meeting time listed**Instructor Permission Required**Nadja Drabon*

Attend a domestic or overseas geological field program of 3-6 weeks duration to learn methods of obtaining, synthesizing, and interpreting field observations.

Course Note: Permission of instructor. Field programs are selected individually by students with the advice and approval of the instructor. Students must notify the instructor and Academic Programs Manager of intention to enroll by the course registration deadline of the preceding term.

This course fulfills the EPS sub-discipline requirement of either Climate, Atmosphere, and Oceans, or Geobiology, Geochemistry, and Earth History, or Geology, Geophysics, and Planetary Science.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 174Course ID: 120728
2026 Spring (4 Credits)**Field Experiences in Earth and Planetary Sciences***No meeting time listed**Instructor Permission Required**Roger Fu*

Attend a domestic or overseas geological field program of 3-6 weeks duration to learn methods of obtaining, synthesizing, and interpreting field observations.

Course Note: Permission of instructor. Field programs are selected individually by students with the advice and approval of the instructor. Students must notify the instructor and Academic Programs Manager of intention to

enroll by the course registration deadline of the preceding term.

This course fulfills the EPS sub-discipline requirement of either Climate, Atmosphere, and Oceans, or Geobiology, Geochemistry, and Earth History, or Geology, Geophysics, and Planetary Science.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 187 (01)

Biogeochemistry

TR 0900 AM - 1015 AM

Ann Pearson

Introduction to biological and organic chemistry of the Earth's environment. Primary focus on formation, processing, and preservation of organic carbon, with emphasis on paleoenvironmental applications and on processes occurring at the molecular level.

Course Note: Intended primarily for undergraduates. This course fulfills the EPS sub-discipline requirement of Geobiology, Geochemistry, and Earth History. Given in alternate years.

A course in college-level chemistry or equivalent. Chemistry 17 or 27 also recommended, but optional. EPS 53 strongly recommended.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 208

Physics of Climate

TR 1030 AM - 1145 AM

Zhiming Kuang

Overview of the basic features of the climate system (global energy balance, atmospheric general circulation, ocean circulation, and climate variability) and the underlying physical processes.

Course Note: This course includes a one-time computer lab to be arranged

Applied Mathematics 105 (may be taken concurrently); Physics 15 or Physical Sciences 12a,b; or permission of the instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 220

A Survey of Planetary Sciences

MW 0300 PM - 0415 PM

Roger Fu

An overview of the key physical and chemical processes that occur on planetary bodies of the solar system and a survey of current topics of research.

Course Note: Course includes one additional 3-hour lab, one 3-hour meeting for telescopic observations, and a field trip. The lab and telescopic observations are held from 7:00-10:00 PM due to observatory and telescope access.

Given in alternate years.

Physics 15a or equivalent or permission of instructor. Introductory EPS class such as EPS 10 recommended.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 236

Environmental Modeling and Data Analysis

TR 0130 PM - 0245 PM

Steven Wofsy

Graduate-level introduction to environmental modeling and data analysis: data visualization, statistical inference, Bayes Theorem, optimal estimation, adjoint methods, Monte Carlo methods, time series analysis, denoising; principles and numerical methods for chemical transport and inverse models.

Course ID: 117399
2026 Spring (4 Credits)

Course ID: 122549
2025 Fall (4 Credits)

Course ID: 207622
2026 Spring (4 Credits)

Course ID: 120783
2026 Spring (4 Credits)

Course Note: Focused on computer-based projects. Suitable for: graduate students and advanced undergraduates in Earth and Planetary Sciences, Environmental Science and Engineering, Applied Math, Chemistry, and Physics. At MIT: EAPS, Civil & Environmental. Helpful to have preparation in differential equations, or atmospheric science, but not required.

Applied Mathematics 105; a course in atmospheric chemistry (EPS 133 or 200 or equivalent); or permission of the instructors.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 240

Isotope and Trace Element Geochemistry and Geochronology

TR 0430 PM - 0545 PM

Stein Jacobsen

The origin of the element and isotope distribution in the Earth and the Solar System. Closed system radioactive decay, isotope fractionation, mass balance and mixing. Application of Rb-Sr, Sm-Nd, U-Th-Pb, Lu-Hf, Re-Os and K-Ar isotope systems for geochronology and as tracers for geological processes. Noble gas geochemistry. Extinct nuclides. Cosmogenic nuclides. U-Th-series nuclides. Planetary isotopic evolution. Stable isotope geochemistry. Application of H, C, N, O, and S isotopes as tracers of geochemical and biogeochemical processes.

Course Note: Course includes a weekly two-hour lab to be arranged. Given in alternate years.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 244

Atmospheric Evolution and Habitability of Terrestrial Planets

MW 1030 AM - 1145 AM

Robin Wordsworth

Earth is our best-known example of a rocky or 'terrestrial-type' planet, but there are many others. To build deep understanding of Earth's evolution and habitability, we must also study Venus and Mars, as well as more distant worlds such as Enceladus, Titan and Pluto. Even further afield, our growing knowledge of terrestrial exoplanets is beginning to revolutionize thinking on our own planet's place in the cosmos. The aim of this course is to provide a wide overview of the state of the art of this fascinating field, with a focus on in-class discussion of the primary literature. In addition, this year we will be exploring the responsible use of generative AI to accelerate learning and facilitate research in this area.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 247

Ocean Ridges and the Earth System

MW 0430 PM - 0545 PM

Charles Langmuir

Course will present our current knowledge of the ocean ridge system where two thirds of Earth's crust is continually being created. We will examine the progressive understanding of ocean ridges from a historical perspective, emphasizing the process of scientific discovery. Topics include melt generation in the mantle, magmatic processes in the crust, formation of ocean ridge topography, faulting and tectonics, hydrothermal systems, manifestations in the overlying water column, and the unique ecosystems associated with vents. Approaches must be inherently interdisciplinary, including geochemistry, geophysics, geology, hydrothermal systems, and biology. The place of the ocean ridge system within the overall Earth system will be emphasized.

Course Note: This course includes a weekly two-hour lab to be arranged.

One of: EPS 10, EPS 50, or GENED 1018; or permission of instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 260

Solid Earth Dynamics & Paleoclimate

Course ID: 111063
2026 Spring (4 Credits)

Course ID: 217618
2025 Fall (4 Credits)

Course ID: 110509
2026 Spring (4 Credits)

Instructor Permission Required

Course ID: 223988
2026 Spring (4 Credits)

W 1245 PM - 0245 PM

Jerry Mitrovica

This course will cover a wide range of topics related to applications of solid Earth geophysical theory and modeling to problems in paleoclimate research. The course will be run as a seminar course that deals with a different topic each week. Students will present a seminar on the topic, lead a discussion with other students and an invited expert who will join for the last 30 minutes of the class (virtually or in-person, depending on their location). Topics to be covered include: the impact of mantle convection-induced dynamic topography (DT) on ancient sea level indicators, ice sheet bedrock elevation, large scale continental drainage patterns, atmospheric circulation, and biodiversity; connections of ice age dynamics to ice sheet stability, river evolution, volcanism, catastrophic lake floods, and ice sheet stability; sea level fingerprinting; rotational stability of the Earth and the analysis of ancient eclipse records; changes in Earth's shape and Milankovitch cyclicity.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 262

Theoretical Seismology

No meeting time listed

Miaki Ishii

This course builds upon material in parts 1 through 3 of this course and covers theoretical surface-wave seismology.

Course Note: Upon announcement

Prerequisite: first three parts of EPS262.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 107767
2026 Spring (4 Credits)

Instructor Permission Required

E-PSCI 265

Introduction to Seismology

TR 0300 PM - 0545 PM

Miaki Ishii

Introduction to seismology with a focus on conceptual understanding of seismic phenomena. Emphasis will be on earthquakes, e.g., detection, mechanism, characteristics, statistics, hazard, and relationship to dynamics. Broader topics such as the types of seismological data and inferences of the Earth's internal structure also will be covered.

Course Note: Depending upon the availability of seismic instrument expert, there may be one field trip to seismic station at Harvard, MA. Given in alternate years.

Mathematics 21ab, 23ab, 25ab, or applied math 22ab.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 219530
2025 Fall (4 Credits)

E-PSCI 272

Topics in Structural Geology, Tectonics, and Earthquake Science

No meeting time listed

John Shaw

Review of current research topics in structural geology and tectonics, with applications to energy and environmental sciences, and natural hazards. Themes include faulting and folding, fractures (joints), stress in the crust, geomechanical modeling, regional tectonics, earthquake source characterization, and hazard assessment. This semester, the course will focus on a review of current research in the field that applies and extends fundamental concepts in structural geology and tectonics.

Course Note: The weekly meeting time for EPS 272 will be decided on after enrollment.

Given in alternate years.

EPS 171 or equivalent. Intended for graduate and advanced undergraduate students involved in structural geology research.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 115931
2025 Fall (4 Credits)

E-PSCI 274 Course ID: 107945
Field Geology 2025 Fall (4 Credits)
No meeting time listed *Instructor Permission Required*
Nadja Drabon

Attend an advanced domestic or overseas geological field program of 3-6 weeks duration to learn methods of obtaining, synthesizing, and interpreting field observations.

Course Note: Permission of instructor. Field programs are selected individually by students with the advice and approval of the instructor. An upper level field course at another university can be substituted with approval of the instructor. Students must notify the instructor and Academic Programs Manager of intention to enroll by the course registration deadline of the preceding term.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 274 Course ID: 107945
Field Geology 2026 Spring (4 Credits)
No meeting time listed *Instructor Permission Required*
Roger Fu

Attend an advanced domestic or overseas geological field program of 3-6 weeks duration to learn methods of obtaining, synthesizing, and interpreting field observations.

Course Note: Permission of instructor. Field programs are selected individually by students with the advice and approval of the instructor. An upper level field course at another university can be substituted with approval of the instructor. Students must notify the instructor and Academic Programs Manager of intention to enroll by the course registration deadline of the preceding term.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 275 Course ID: 218700
Early Earth Habitability: Conditions for Life's Emergence 2025 Fall (4 Credits)
W 1245 PM - 0245 PM *Instructor Permission Required*
Nadja Drabon

This seminar investigates the pivotal question: When did Earth become habitable? By exploring the dynamic processes that shaped our planet's ability to support life during the Hadean Eon (>4.02 billion years ago), we will address the interplay of key factors such as the declining meteorite impact flux, the availability of liquid water, and the role of active surface cycling. The discussion will connect these elements to key hypotheses about the origins of life, the development of microbial ecosystems, and the formation of continents. Throughout the seminar, students will develop a comprehensive understanding of the factors that contributed to Earth's habitability. The seminar places a strong emphasis on student-driven inquiry. Weekly discussions will focus on thought-provoking research papers, often presenting sharply contrasting perspectives. These papers will be selected in collaboration with the students, ensuring the course direction aligns with the group's interests. Students will critically analyze these papers, engaging with the latest debates and discoveries in Earth and Planetary sciences. This seminar is ideal for those passionate about Earth Sciences, Planetary Sciences or Astrobiology, and who are eager to actively participate in shaping the course content and engaging in interdisciplinary discussions.

Course Note: This course is for graduate students and advanced undergraduate students.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 299 (01) Course ID: 215120
Communication Skills of Academia 2026 Spring (4 Credits)
T 1200 PM - 0245 PM *Instructor Permission Required*
Ann Pearson

This course will provide formal mentorship in a variety of skills essential for an academic career in geosciences. Students will be guided through modules that provide practical tools to improve strategies for reading, paper writing, proposal writing, teaching, giving research seminars, informal networking, and peer review. Peer-to-peer feedback and group exercises will be used in addition to typical formats such as written assignments and oral

presentations. The units are designed to complement the curriculum of graduate students as they prepare for the qualifying exam.

Course Note: This course is an elective and will not count toward the breadth or subject requirements. Students must obtain permission of the advisor before enrolling.

FAS Divisional Distribution: Science & Engineering & Applied Science

E-PSCI 301 Teaching-Related Work	Course ID: 211358 2025 Fall (2 Credits)
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E-PSCI 301 Teaching-Related Work	Course ID: 211358 2026 Spring (2 Credits)
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E-PSCI 302 Reading and Research <i>No meeting time listed</i> <i>James Anderson</i>	Course ID: 220028 2025 Fall (4 Credits)
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E-PSCI 302 Reading and Research <i>No meeting time listed</i> <i>James Anderson</i>	Course ID: 220028 2026 Spring (4 Credits)
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E-PSCI 302 (002) Reading and Research <i>No meeting time listed</i> <i>Jeremy Bloxham</i>	Course ID: 220028 2025 Fall (4 Credits)
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E-PSCI 302 (002) Reading and Research <i>No meeting time listed</i> <i>Jeremy Bloxham</i>	Course ID: 220028 2026 Spring (4 Credits)
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E-PSCI 302 (003) Reading and Research <i>No meeting time listed</i> <i>Nadja Drabon</i>	Course ID: 220028 2025 Fall (4 Credits)
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E-PSCI 302 (003) Reading and Research <i>No meeting time listed</i> <i>Nadja Drabon</i>	Course ID: 220028 2026 Spring (4 Credits)
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E-PSCI 302 (004) Reading and Research	Course ID: 220028 2025 Fall (4 Credits)
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No meeting time listed
Brian Farrell

E-PSCI 302 (004)
Reading and Research
No meeting time listed
Brian Farrell

Course ID: 220028
2026 Spring (4 Credits)

E-PSCI 302 (005)
Reading and Research
No meeting time listed
Rebecca Fischer

Course ID: 220028
2025 Fall (4 Credits)

E-PSCI 302 (005)
Reading and Research
No meeting time listed
Rebecca Fischer

Course ID: 220028
2026 Spring (4 Credits)

E-PSCI 302 (006)
Reading and Research
No meeting time listed
Roger Fu

Course ID: 220028
2025 Fall (4 Credits)

E-PSCI 302 (006)
Reading and Research
No meeting time listed
Roger Fu

Course ID: 220028
2026 Spring (4 Credits)

E-PSCI 302 (007)
Reading and Research
No meeting time listed
Peter Huybers

Course ID: 220028
2025 Fall (4 Credits)

E-PSCI 302 (007)
Reading and Research
No meeting time listed
Peter Huybers

Course ID: 220028
2026 Spring (4 Credits)

E-PSCI 302 (008)
Reading and Research
No meeting time listed
Miaki Ishii

Course ID: 220028
2025 Fall (4 Credits)

E-PSCI 302 (008)
Reading and Research
No meeting time listed
Miaki Ishii

Course ID: 220028
2026 Spring (4 Credits)

E-PSCI 302 (009) Reading and Research <i>No meeting time listed</i> <i>Daniel Jacob</i>	Course ID: 220028 2025 Fall (4 Credits)
E-PSCI 302 (009) Reading and Research <i>No meeting time listed</i> <i>Daniel Jacob</i>	Course ID: 220028 2026 Spring (4 Credits)
E-PSCI 302 (010) Reading and Research <i>No meeting time listed</i> <i>Stein Jacobsen</i>	Course ID: 220028 2025 Fall (4 Credits)
E-PSCI 302 (010) Reading and Research <i>No meeting time listed</i> <i>Stein Jacobsen</i>	Course ID: 220028 2026 Spring (4 Credits)
E-PSCI 302 (011) Reading and Research <i>No meeting time listed</i> <i>David Johnston</i>	Course ID: 220028 2025 Fall (4 Credits)
E-PSCI 302 (011) Reading and Research <i>No meeting time listed</i> <i>David Johnston</i>	Course ID: 220028 2026 Spring (4 Credits)
E-PSCI 302 (012) Reading and Research <i>No meeting time listed</i> <i>Zhiming Kuang</i>	Course ID: 220028 2025 Fall (4 Credits)
E-PSCI 302 (012) Reading and Research <i>No meeting time listed</i> <i>Zhiming Kuang</i>	Course ID: 220028 2026 Spring (4 Credits)
E-PSCI 302 (013) Reading and Research <i>No meeting time listed</i> <i>Charles Langmuir</i>	Course ID: 220028 2025 Fall (4 Credits)
E-PSCI 302 (013) Reading and Research <i>No meeting time listed</i> <i>Charles Langmuir</i>	Course ID: 220028 2026 Spring (4 Credits)

E-PSCI 302 (014) Reading and Research <i>No meeting time listed</i> Marianna Linz	Course ID: 220028 2025 Fall (4 Credits)
E-PSCI 302 (014) Reading and Research <i>No meeting time listed</i> Marianna Linz	Course ID: 220028 2026 Spring (4 Credits)
E-PSCI 302 (015) Reading and Research <i>No meeting time listed</i> Scot Martin	Course ID: 220028 2025 Fall (4 Credits)
E-PSCI 302 (015) Reading and Research <i>No meeting time listed</i> Scot Martin	Course ID: 220028 2026 Spring (4 Credits)
E-PSCI 302 (016) Reading and Research <i>No meeting time listed</i> Kaighin McColl	Course ID: 220028 2025 Fall (4 Credits)
E-PSCI 302 (016) Reading and Research <i>No meeting time listed</i> Kaighin McColl	Course ID: 220028 2026 Spring (4 Credits)
E-PSCI 302 (017) Reading and Research <i>No meeting time listed</i> Michael McElroy	Course ID: 220028 2025 Fall (4 Credits)
E-PSCI 302 (017) Reading and Research <i>No meeting time listed</i> Michael McElroy	Course ID: 220028 2026 Spring (4 Credits)
E-PSCI 302 (018) Reading and Research <i>No meeting time listed</i> Brendan Meade	Course ID: 220028 2025 Fall (4 Credits)
E-PSCI 302 (018) Reading and Research	Course ID: 220028 2026 Spring (4 Credits)

No meeting time listed
Brendan Meade

E-PSCI 302 (019)
Reading and Research
No meeting time listed
Jerry Mitrovica

Course ID: 220028
2025 Fall (4 Credits)

E-PSCI 302 (019)
Reading and Research
No meeting time listed
Jerry Mitrovica

Course ID: 220028
2026 Spring (4 Credits)

E-PSCI 302 (020)
Reading and Research
No meeting time listed
Seyed Mostafa Mousavi

Course ID: 220028
2025 Fall (4 Credits)

E-PSCI 302 (020)
Reading and Research
No meeting time listed
Seyed Mostafa Mousavi

Course ID: 220028
2026 Spring (4 Credits)

E-PSCI 302 (021)
Reading and Research
No meeting time listed
Ann Pearson

Course ID: 220028
2025 Fall (4 Credits)

E-PSCI 302 (021)
Reading and Research
No meeting time listed
Ann Pearson

Course ID: 220028
2026 Spring (4 Credits)

E-PSCI 302 (022)
Reading and Research
No meeting time listed
Daniel Schrag

Course ID: 220028
2025 Fall (4 Credits)

E-PSCI 302 (022)
Reading and Research
No meeting time listed
Daniel Schrag

Course ID: 220028
2026 Spring (4 Credits)

E-PSCI 302 (023)
Reading and Research
No meeting time listed
John Shaw

Course ID: 220028
2025 Fall (4 Credits)

E-PSCI 302 (023) Reading and Research <i>No meeting time listed</i> John Shaw	Course ID: 220028 2026 Spring (4 Credits)
E-PSCI 302 (024) Reading and Research <i>No meeting time listed</i> Fiamma Straneo	Course ID: 220028 2025 Fall (4 Credits)
E-PSCI 302 (024) Reading and Research <i>No meeting time listed</i> Fiamma Straneo	Course ID: 220028 2026 Spring (4 Credits)
E-PSCI 302 (025) Reading and Research <i>No meeting time listed</i> Elsie Sunderland	Course ID: 220028 2025 Fall (4 Credits)
E-PSCI 302 (025) Reading and Research <i>No meeting time listed</i> Elsie Sunderland	Course ID: 220028 2026 Spring (4 Credits)
E-PSCI 302 (026) Reading and Research <i>No meeting time listed</i> Eli Tziperman	Course ID: 220028 2025 Fall (4 Credits)
E-PSCI 302 (026) Reading and Research <i>No meeting time listed</i> Eli Tziperman	Course ID: 220028 2026 Spring (4 Credits)
E-PSCI 302 (027) Reading and Research <i>No meeting time listed</i> Steven Wofsy	Course ID: 220028 2026 Spring (4 Credits)
E-PSCI 302 (027) Reading and Research <i>No meeting time listed</i> Steven Wofsy	Course ID: 220028 2025 Fall (4 Credits)
E-PSCI 302 (028) Reading and Research <i>No meeting time listed</i> Robin Wordsworth	Course ID: 220028 2025 Fall (4 Credits)

E-PSCI 302 (028) Reading and Research <i>No meeting time listed</i> <i>Robin Wordsworth</i>	Course ID: 220028 2026 Spring (4 Credits)
E-PSCI 303 Directional Dissertation <i>No meeting time listed</i> <i>James Anderson</i>	Course ID: 220029 2025 Fall (4 Credits)
E-PSCI 303 Directional Dissertation <i>No meeting time listed</i> <i>James Anderson</i>	Course ID: 220029 2026 Spring (4 Credits)
E-PSCI 303 (002) Directional Dissertation <i>No meeting time listed</i> <i>Jeremy Bloxham</i>	Course ID: 220029 2025 Fall (4 Credits)
E-PSCI 303 (002) Directional Dissertation <i>No meeting time listed</i> <i>Jeremy Bloxham</i>	Course ID: 220029 2026 Spring (4 Credits)
E-PSCI 303 (003) Directional Dissertation <i>No meeting time listed</i> <i>Nadja Drabon</i>	Course ID: 220029 2025 Fall (4 Credits)
E-PSCI 303 (003) Directional Dissertation <i>No meeting time listed</i> <i>Nadja Drabon</i>	Course ID: 220029 2026 Spring (4 Credits)
E-PSCI 303 (004) Directional Dissertation <i>No meeting time listed</i> <i>Brian Farrell</i>	Course ID: 220029 2025 Fall (4 Credits)
E-PSCI 303 (004) Directional Dissertation <i>No meeting time listed</i> <i>Brian Farrell</i>	Course ID: 220029 2026 Spring (4 Credits)
E-PSCI 303 (005) Directional Dissertation	Course ID: 220029 2025 Fall (4 Credits)

No meeting time listed
Rebecca Fischer

E-PSCI 303 (005)
Directional Dissertation
No meeting time listed
Rebecca Fischer

Course ID: 220029
2026 Spring (4 Credits)

E-PSCI 303 (006)
Directional Dissertation
No meeting time listed
Roger Fu

Course ID: 220029
2025 Fall (4 Credits)

E-PSCI 303 (006)
Directional Dissertation
No meeting time listed
Roger Fu

Course ID: 220029
2026 Spring (4 Credits)

E-PSCI 303 (007)
Directional Dissertation
No meeting time listed
Peter Huybers

Course ID: 220029
2025 Fall (4 Credits)

E-PSCI 303 (007)
Directional Dissertation
No meeting time listed
Peter Huybers

Course ID: 220029
2026 Spring (4 Credits)

E-PSCI 303 (008)
Directional Dissertation
No meeting time listed
Miaki Ishii

Course ID: 220029
2025 Fall (4 Credits)

E-PSCI 303 (008)
Directional Dissertation
No meeting time listed
Miaki Ishii

Course ID: 220029
2026 Spring (4 Credits)

E-PSCI 303 (009)
Directional Dissertation
No meeting time listed
Daniel Jacob

Course ID: 220029
2025 Fall (4 Credits)

E-PSCI 303 (009)
Directional Dissertation
No meeting time listed
Daniel Jacob

Course ID: 220029
2026 Spring (4 Credits)

E-PSCI 303 (010) Directional Dissertation <i>No meeting time listed</i> <i>Stein Jacobsen</i>	Course ID: 220029 2025 Fall (4 Credits)
E-PSCI 303 (010) Directional Dissertation <i>No meeting time listed</i> <i>Stein Jacobsen</i>	Course ID: 220029 2026 Spring (4 Credits)
E-PSCI 303 (011) Directional Dissertation <i>No meeting time listed</i> <i>David Johnston</i>	Course ID: 220029 2025 Fall (4 Credits)
E-PSCI 303 (011) Directional Dissertation <i>No meeting time listed</i> <i>David Johnston</i>	Course ID: 220029 2026 Spring (4 Credits)
E-PSCI 303 (012) Directional Dissertation <i>No meeting time listed</i> <i>Zhiming Kuang</i>	Course ID: 220029 2025 Fall (4 Credits)
E-PSCI 303 (012) Directional Dissertation <i>No meeting time listed</i> <i>Zhiming Kuang</i>	Course ID: 220029 2026 Spring (4 Credits)
E-PSCI 303 (013) Directional Dissertation <i>No meeting time listed</i> <i>Charles Langmuir</i>	Course ID: 220029 2025 Fall (4 Credits)
E-PSCI 303 (013) Directional Dissertation <i>No meeting time listed</i> <i>Charles Langmuir</i>	Course ID: 220029 2026 Spring (4 Credits)
E-PSCI 303 (014) Directional Dissertation <i>No meeting time listed</i> <i>Marianna Linz</i>	Course ID: 220029 2025 Fall (4 Credits)
E-PSCI 303 (014) Directional Dissertation <i>No meeting time listed</i> <i>Marianna Linz</i>	Course ID: 220029 2026 Spring (4 Credits)

E-PSCI 303 (015) Directional Dissertation <i>No meeting time listed</i> <i>Scot Martin</i>	Course ID: 220029 2025 Fall (4 Credits)
E-PSCI 303 (015) Directional Dissertation <i>No meeting time listed</i> <i>Scot Martin</i>	Course ID: 220029 2026 Spring (4 Credits)
E-PSCI 303 (016) Directional Dissertation <i>No meeting time listed</i> <i>Kaighin McColl</i>	Course ID: 220029 2025 Fall (4 Credits)
E-PSCI 303 (016) Directional Dissertation <i>No meeting time listed</i> <i>Kaighin McColl</i>	Course ID: 220029 2026 Spring (4 Credits)
E-PSCI 303 (017) Directional Dissertation <i>No meeting time listed</i> <i>Michael McElroy</i>	Course ID: 220029 2025 Fall (4 Credits)
E-PSCI 303 (017) Directional Dissertation <i>No meeting time listed</i> <i>Michael McElroy</i>	Course ID: 220029 2026 Spring (4 Credits)
E-PSCI 303 (018) Directional Dissertation <i>No meeting time listed</i> <i>Brendan Meade</i>	Course ID: 220029 2025 Fall (4 Credits)
E-PSCI 303 (018) Directional Dissertation <i>No meeting time listed</i> <i>Brendan Meade</i>	Course ID: 220029 2026 Spring (4 Credits)
E-PSCI 303 (019) Directional Dissertation <i>No meeting time listed</i> <i>Jerry Mitrovica</i>	Course ID: 220029 2025 Fall (4 Credits)
E-PSCI 303 (019) Directional Dissertation	Course ID: 220029 2026 Spring (4 Credits)

No meeting time listed
Jerry Mitrovica

E-PSCI 303 (020)
Directional Dissertation
No meeting time listed
Seyed Mostafa Mousavi

Course ID: 220029
2025 Fall (4 Credits)

E-PSCI 303 (020)
Directional Dissertation
No meeting time listed
Seyed Mostafa Mousavi

Course ID: 220029
2026 Spring (4 Credits)

E-PSCI 303 (021)
Directional Dissertation
No meeting time listed
Ann Pearson

Course ID: 220029
2025 Fall (4 Credits)

E-PSCI 303 (021)
Directional Dissertation
No meeting time listed
Ann Pearson

Course ID: 220029
2026 Spring (4 Credits)

E-PSCI 303 (022)
Directional Dissertation
No meeting time listed
Daniel Schrag

Course ID: 220029
2025 Fall (4 Credits)

E-PSCI 303 (022)
Directional Dissertation
No meeting time listed
Daniel Schrag

Course ID: 220029
2026 Spring (4 Credits)

E-PSCI 303 (023)
Directional Dissertation
No meeting time listed
John Shaw

Course ID: 220029
2025 Fall (4 Credits)

E-PSCI 303 (023)
Directional Dissertation
No meeting time listed
John Shaw

Course ID: 220029
2026 Spring (4 Credits)

E-PSCI 303 (024)
Directional Dissertation
No meeting time listed
Fiamma Straneo

Course ID: 220029
2025 Fall (4 Credits)

E-PSCI 303 (024)

Directional Dissertation

No meeting time listed

Fiamma Straneo

Course ID: 220029
2026 Spring (4 Credits)

E-PSCI 303 (025)

Directional Dissertation

No meeting time listed

Elsie Sunderland

Course ID: 220029
2025 Fall (4 Credits)

E-PSCI 303 (025)

Directional Dissertation

No meeting time listed

Elsie Sunderland

Course ID: 220029
2026 Spring (4 Credits)

E-PSCI 303 (026)

Directional Dissertation

No meeting time listed

Eli Tziperman

Course ID: 220029
2025 Fall (4 Credits)

E-PSCI 303 (026)

Directional Dissertation

No meeting time listed

Eli Tziperman

Course ID: 220029
2026 Spring (4 Credits)

E-PSCI 303 (027)

Directional Dissertation

No meeting time listed

Steven Wofsy

Course ID: 220029
2026 Spring (4 Credits)

E-PSCI 303 (027)

Directional Dissertation

No meeting time listed

Steven Wofsy

Course ID: 220029
2025 Fall (4 Credits)

E-PSCI 303 (028)

Directional Dissertation

No meeting time listed

Robin Wordsworth

Course ID: 220029
2026 Spring (4 Credits)

E-PSCI 303 (028)

Directional Dissertation

No meeting time listed

Robin Wordsworth

Course ID: 220029
2025 Fall (4 Credits)

East Asian Languages and Civilizations

Vietnamese

VIETNAM BA

Elementary Vietnamese

MTWR 0130 PM - 0245 PM

Hoa Le

Designed for non-heritage learners, this sequence builds foundational skills in pronunciation, grammar, vocabulary, and basic communication. Interactive and task-based activities help students develop confidence in using Vietnamese in everyday situations.

FAS: Meets Foreign Lang Req: Vietnamese

FAS Divisional Distribution: None

Course ID: 116266
2025 Fall (4 Credits)

VIETNAM BB

Elementary Vietnamese

MW 0130 PM - 0245 PM

Hoa Le

Designed for non-heritage learners, this sequence builds foundational skills in pronunciation, grammar, vocabulary, and basic communication. Interactive and task-based activities help students develop confidence in using Vietnamese in everyday situations.

Vietnamese Ba or permission of the instructor.

Requires: Prerequisite: Vietnamese BA or permission of the instructor.

FAS: Meets Foreign Lang Req: Vietnamese

FAS Divisional Distribution: None

Course ID: 116267
2026 Spring (4 Credits)

VIETNAM BX

Elementary Vietnamese for Advanced Beginners

MWF 0130 PM - 0245 PM

Hoa Le

A specialized, accelerated track for heritage learners. Vietnamese Bx covers essential grammar and writing skills while strengthening existing speaking and listening abilities. Students who continue into Vietnamese 120xb will cover the equivalent of Intermediate Vietnamese (Vietnamese 120A & 120B), preparing them for advanced coursework. The heritage track allows students to fast-track into Pre-Advanced Vietnamese (Vietnamese 130A & 130B) if they choose to continue.

HCOL: Foreign Lang Citation: Vietnamese

FAS: Meets Foreign Lang Req: Vietnamese

FAS Divisional Distribution: None

Course ID: 226301
2025 Fall (4 Credits)

VIETNAM 91R

Supervised Reading and Research

No meeting time listed

Hoa Le

Independent reading and research in the Vietnamese language.

Permission from instructor.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Vietnamese

Course ID: 221552
2025 Fall (4 Credits)

Instructor Permission Required

VIETNAM 120A

Intermediate Vietnamese

MW 0430 PM - 0545 PM

Course ID: 116268
2025 Fall (4 Credits)

Hoa Le

This sequence enhances fluency through engaging, personally relevant topics, while also introducing broader cultural and social themes. Students participate in discussions, problem-solving tasks, and opinion exchanges using authentic and multimodal materials.

Course Note: Conducted entirely in Vietnamese.

Vietnamese Bb or permission of instructor.

Requires: Prerequisite: VIETNAM BB

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Vietnamese

HCOL: Foreign Lang Citation: Vietnamese

VIETNAM 120B

Intermediate Vietnamese

MWF 1030 AM - 1145 AM

Hoa Le

This sequence enhances fluency through engaging, personally relevant topics, while also introducing broader cultural and social themes. Students participate in discussions, problem-solving tasks, and opinion exchanges using authentic and multimodal materials.

Course Note: Conducted entirely in Vietnamese.

Vietnamese 120a or permission of instructor.

Requires: Prerequisite: VIETNAM 120A

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Vietnamese

HCOL: Foreign Lang Citation: Vietnamese

VIETNAM 123XB

Intermediate Vietnamese for Advanced Beginners

A specialized, accelerated track for heritage learners. Vietnamese Bx covers essential grammar and writing skills while strengthening existing speaking and listening abilities. Students who continue into Vietnamese 123xb will cover the equivalent of Intermediate Vietnamese (Vietnamese 120A & 120B), preparing them for advanced coursework. The heritage track allows students to fast-track into Pre-Advanced Vietnamese (Vietnamese 130A & 130B) if they choose to continue.

Prerequisite: VIETNAM Bx or equivalent proficiency

HCOL: Foreign Lang Citation: Vietnamese

FAS: Meets Foreign Lang Req: Vietnamese

VIETNAM 130A

Pre-Advanced Vietnamese

MW 0300 PM - 0415 PM

Hoa Le

At this stage, students refine their language skills through in-depth engagement with a variety of cultural, historical, and contemporary topics, including society, history, economy, and the arts, among others. The course includes guest speakers, providing authentic interaction and deeper discussion of course materials.

Course Note: Conducted entirely in Vietnamese.

Vietnamese 120b or permission of instructor.

Requires: Prerequisite: VIETNAM 120B

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Vietnamese

Course ID: 116270

2026 Spring (4 Credits)

Course ID: 226311

2026 Spring (4 Credits)

Course ID: 116271

2025 Fall (4 Credits)

VIETNAM 130B

Pre-Advanced Vietnamese

MWF 0300 PM - 0415 PM

Hoa Le

At this stage, students refine their language skills through in-depth engagement with a variety of cultural, historical, and contemporary topics, including society, history, economy, and the arts, among others. The course includes guest speakers, providing authentic interaction and deeper discussion of course materials.

Course Note: Conducted entirely in Vietnamese.

Vietnamese 130a or permission of instructor.

Requires: Prerequisite: VIETNAM 130A

FAS: Meets Foreign Lang Req: Vietnamese

HCOL: Foreign Lang Citation: Vietnamese

FAS Divisional Distribution: Arts and Humanities

Course ID: 116272
2026 Spring (4 Credits)

VIETNAM 140A

Advanced Vietnamese

T 0300 PM - 0545 PM

Hoa Le

Designed for students aiming for near-native proficiency, this level challenges them with complex materials, including news media, podcasts, feature films, and contemporary Vietnamese discourse. Modern and classical literature are available for students interested in exploring them.

Vietnamese 130b

Requires: Prerequisite: VIETNAM 130B

FAS: Meets Foreign Lang Req: Vietnamese

HCOL: Foreign Lang Citation: Vietnamese

FAS Divisional Distribution: Arts and Humanities

Course ID: 125637
2025 Fall (4 Credits)

VIETNAM 140B

Advanced Vietnamese

Designed for students aiming for near-native proficiency, this level challenges them with complex materials, including news media, podcasts, feature films, and contemporary Vietnamese discourse. Modern and classical literature are available for students interested in exploring them.

Vietnamese 140a

Requires: Prerequisite: VIETNAM 140A

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Vietnamese

HCOL: Foreign Lang Citation: Vietnamese

Course ID: 125638
2026 Spring (4 Credits)

VIETNAM 300

Reading and Research

No meeting time listed

Hoa Le

Course ID: 120665
2025 Fall (4 Credits)
Instructor Permission Required

VIETNAM 300

Reading and Research

No meeting time listed

Hoa Le

Course ID: 120665
2026 Spring (4 Credits)

Instructor Permission Required

CHNSHIS 113 (01)

Life and Death in Late Imperial China: Social History of the 10th to 19th Centuries

MW 1030 AM - 1145 AM

Michael Szonyi

This course is a survey of the social and cultural history of China from the Song to the mid-Qing (roughly from 1000 to 1800). The main topics discussed include urbanization and commerce; gender; family and kinship; education and the examination system, and religion and ritual. The main goal of the course will be to explore the relationship between social and cultural changes and political and intellectual developments.

FAS Divisional Distribution: Arts and Humanities

CHNSHIS 135 (01)

The Mongol Empire and World History: From Steppe Confederation to Eurasian Empire, c.1206-1368

Course ID: 226319
2026 Spring (4 Credits)

This course seeks to provide a comprehensive introduction to the study of Mongol Eurasia anchored by the theme of globalization. The Mongol Empire has variously been credited with the inaugural establishment of a globalized world with unprecedented religious toleration and socio-economic exchange. Yet, the Mongols have also been maligned for the mass slaughter of their conquests, brutal deportation policies as well as destruction of Islamic and Chinese urban societies. Between the twin poles of efflorescence and catastrophe lies a rich geography to explore. Who was this steppe people that came to rule the largest contiguous empire in history? What underwrote their rise? How did they order such a vast realm? How much was the Mongol period a watershed for globalization? What legacy did they leave behind for successor states, cultures and the globe? We begin by looking closely at the nature of the agglomeration of peoples that eventually became known as the Mongols and how state formation in the steppe created the momentum for conquest. Next, we explore how steppe military culture combined with new technologies and operational strategies that empowered the Mongol military machine. We then turn to questions of localized rule and gender in Mongol-dominated societies. Our third approach is to look at commercial and material cultural exchange through the lens of globalization and localization: we assess the changing vectors for exchange as well as how cultural items themselves moved and transformed. This section peaks with a discussion of how historiography under the Mongols can serve as a proxy for multi-valent elite perspectives of global empire that were simultaneously localized to their sites of production. Last, we look at how Mongol political culture and imperial practice conditioned that of successor states.

This course will be taught by Aaron Molnar.

CHNSHIS 146 (01)

The Modern History of Rural China

TR 1030 AM - 1145 AM

Michael Szonyi

It's only in the last twenty years that China has become known as a place of cities and factories. Before then, the majority of Chinese people lived not in cities but in villages in the countryside, and made their living from agriculture. This lecture/discussion course, intended mainly for undergraduates, will introduce you to the modern history of rural China. We'll approach that history chronologically, thematically, and historiographically. No background knowledge of China is required, but the course might interest you even if you have some previous background, because it will show you the People's Republic of China from a very different angle than what you've likely encountered before: that of its villages and the people who live in them. You'll come to appreciate their perspective better through taking their role in two interactive games. You'll also learn why the fate of China's countryside matters to the future not only of China but also the whole world.

FAS Divisional Distribution: Social Sciences

CHNSHIS 230R (01)

Reading Local Documents for Ming-Qing History

W 0300 PM - 0545 PM

Michael Szonyi

This seminar introduces students to the different genres of documents that are found in private hands in villages, and explores how these materials can be used for historical research. Reading knowledge of modern and literary Chinese required. Topic for Fall 2022: land and property deeds

Knowledge of literary Chinese.

FAS Divisional Distribution: Arts and Humanities

Course ID: 122885
2026 Spring (4 Credits)

CHNSHIS 232R (01)

Topics in Han History: Seminar

R 1245 PM - 0245 PM

Michael J. Puett

Examines various topics in the history of the Han Dynasty.

FAS Divisional Distribution: Arts and Humanities

Course ID: 117082
2026 Spring (4 Credits)

CHNSHIS 234R (01)

The Historiography of Early Chinese History

T 1245 PM - 0245 PM

Michael J. Puett

A study of major trends in the history of scholarship on early China. The main focus will be on 20th-century scholarship, but earlier developments will be introduced where relevant.

FAS Divisional Distribution: Arts and Humanities

Course ID: 114371
2025 Fall (4 Credits)

CHNSHIS 249 (01)

Empire, Nation, and the Making of Modern Xinjiang

No meeting time listed

Mark Elliott

The goals of this course are to explore the main issues in the history of China's westernmost region and to design an undergraduate course to be offered in the future on the subject. In addition to readings and discussion, students will contribute to work on a syllabus, lectures, media, section discussion topics and assignments, and a website. Enrollment is limited to graduate students, with permission of the instructor.

FAS Divisional Distribution: Arts and Humanities

Course ID: 226322
2025 Fall (4 Credits)

Instructor Permission Required

CHNSHIS 271 (01)

Public and Private Institutions in Theory and Practice in 8th-14th Century China

M 1200 PM - 0245 PM

Peter K. Bol

This course examines major works on statecraft and the development of institutions of social order from the 8th to the 14th century. It will cover major legal and institutional compendia, the use of history and the Confucian classics in political reform movements, and theoretical writings on private and public institutions. It will consider the conflict between institutional, moral, and literary perspectives on statecraft.

FAS Divisional Distribution: Arts and Humanities

Course ID: 226281
2025 Fall (4 Credits)

M 1200 PM - 0245 PM

Peter K. Bol

This course examines major works on public and private institutions from the 14th to the 17th century. It will cover programs for ordering society through state policy and private initiatives and introduce major works on statecraft, programs for local government, and formation of new literati political associations.

Manchu

MANCHU A

Elementary Manchu

MW 1030 AM - 1145 AM

Mark Elliott

Introduction to Manchu grammar with elementary readings in Manchu script.

Course ID: 124837
2025 Fall (4 Credits)

FAS: Meets Foreign Lang Req: Manchu

FAS Divisional Distribution: None

MANCHU B

Elementary Manchu

No meeting time listed

Mark Elliott

Readings in a variety of historical and literary texts with emphasis on Manchu documentary sources.

Course ID: 110884
2026 Spring (4 Credits)

FAS: Meets Foreign Lang Req: Manchu

FAS Divisional Distribution: None

MANCHU 120B

Advanced Manchu

No meeting time listed

Mark Elliott

Intensive reading in Manchu archival materials, other historical texts and literary texts. Some texts in pre-diacritical form. English to Manchu translation exercises.

Course ID: 112683
2026 Spring (4 Credits)

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Manchu

MANCHU 300

Reading and Research

No meeting time listed

Mark Elliott

Course ID: 124285
2025 Fall (4 Credits)
Instructor Permission Required

MANCHU 300

Reading and Research

No meeting time listed

Mark Elliott

Course ID: 124285
2026 Spring (4 Credits)
Instructor Permission Required

CHNSLIT 134

Strange Tales: The Supernatural in Chinese Literature

TR 1030 AM - 1145 AM

Thomas Kelly

This course introduces students to traditional Chinese literature by focusing on "tales of the strange." We will examine how ghosts, demons, fox spirits, and other liminal creatures haunt the literary imagination, stretching the possibilities of storytelling. Students will gain familiarity with masterpieces of Chinese literature and their intriguing afterlives in performance, film, and popular culture. Our discussions will consider how literary accounts of ghosts and the supernatural grapple with issues of gender and sexuality, the cultural meanings of death, the boundaries of human community, and the experience of historical trauma. We will focus on developing skills in close reading, while critically engaging theories of the "strange." No background in Chinese is required.

FAS Divisional Distribution: Arts and Humanities

CHNSLIT 140 (01)

The Greatest Chinese Novel

T 1200 PM - 0245 PM

Wai-ye Li

The Story of the Stone (also known as The Dream of the Red Chamber) by Cao Xueqin (1715?-1763) is widely recognized as the masterpiece of Chinese fiction. It is also a portal to Chinese civilization. Encyclopedic in scope, this book both sums up Chinese culture and asks of it difficult questions. Its cult status also accounts for modern popular screen and television adaptations. Through a close examination of this text in conjunction with supplementary readings and visual materials, the seminar will explore a series of topics on Chinese culture, including foundational myths, philosophical and religious systems, the status of fiction, conceptions of art and the artist, ideas about love, desire and sexuality, gender roles, garden aesthetics, family and clan structure, and definitions of socio-political order.

Course Note: This course consists of a one-hour lecture followed by a two-hour seminar.

FAS Divisional Distribution: Arts and Humanities

CHNSLIT 235 (01)

Theater and Theatricality in Early Modern China

W 0945 AM - 1145 AM

Thomas Kelly

This seminar charts the development of Chinese dramatic literature from the fourteenth to the seventeenth centuries. We will focus on the close reading of major works in the zaju, xiwen, and chuanqi forms, examining how the theater shaped new practices of writing and reading. The seminar will follow two central themes: 1) the shifting relationship between the figures of the playwright and the actor; 2) the interplay between the spaces of the page and stage. Engaging with recent scholarship, we will reflect on how modes of theatrical performance and spectatorship transformed broader understandings of self and society. Our discussions will seek new frameworks for approaching the place of the theater in Chinese literary history.

Reading ability in Literary Chinese is required.

FAS Divisional Distribution: Arts and Humanities

CHNSLIT 236 (01)

China's Banned Book: Reading Jin Ping Mei (Conference Course)

No meeting time listed

Thomas Kelly

This course will introduce students to the controversial masterpiece of Chinese fiction, The Plum in the Golden Vase (Jin Ping Mei). Censored for its erotic content, this sensational book had a profound impact on the development of Chinese fiction. A landmark in the history of the novel, The Plum in the Golden Vase shifts

attention away from worthy heroes to examine the everyday exploits and desires of ordinary people. The work of an anonymous author, *The Plum in the Golden Vase* revels in sensory excess (greed, murder, intoxication, and lust), illustrating the vivid details of Chinese urban life. We will focus on developing skills in close reading, while using this monumental work to survey the flourishing cultural landscape of early modern China. Our discussions will situate the novel alongside recent scholarship on gender and sexuality, material culture, and performance. We will also hold class viewing sessions in the Harvard-Yenching Library and the Harvard Art Museums. Students with Chinese language skills will be encouraged to read the original text.

FAS Divisional Distribution: Arts and Humanities

CHNSLIT 245R (01)

Topics in Sinophone Studies - Modern Chinese Fiction on the Periphery

Course ID: 121041
2026 Spring (4 Credits)

No meeting time listed

David Wang

Survey of modern Chinese fiction and narratology from Taiwan, Hong Kong, and the Chinese Diaspora: polemics of the canon, dialogues between national and regional imaginaries, and literary cultures in the Sinophone world.

FAS Divisional Distribution: Arts and Humanities

CHNSLIT 250 (01)

The Politics of Sound: Ethnicity, Gender, and Identity in Chinese

Course ID: 226318
2026 Spring (4 Credits)

Songscape

No meeting time listed

Xiaofei Tian

This course examines Chinese songs, and comments on songs, throughout history. It considers how the elite's collection and reception of popular songs, and their own composition of them, are framed by, negotiate with, and often exceed the ideology of poetry and music rooted in the early classics and Confucian political-cultural theory. It also considers issues of ethnicity, gender, identity, and politics embroiled in popular songs. Readings include songs in "The Music Monograph" in the fifth-century *History of Song*; the southern and northern yuefu in the sixth-century *Record of Ancient and Modern Music*; regional folksongs and ci lyrics of the Tang, Five Dynasties, and the Song; the sanqu arias and popular songs in dialects from Yuan, Ming, and Qing dynasties; the socialist songs in Maoist China; and the folksongs collected in *The Complete Collectanea of Chinese Ethnic Folk Arts*, a massive compendium commissioned by the Chinese Ministry of Culture and the National Ethnic Affairs Committee in the post-Cultural Revolution era.

Advanced reading skills in Classical and Modern Chinese.

CHNSLIT 253 (01)

Chinese Aesthetic and Literary Thought

Course ID: 226314
2026 Spring (4 Credits)

T 1200 PM - 0245 PM

Wai-yee Li

This course will introduce students to key concepts in Chinese aesthetic and literary thought through close analysis of primary texts. The goal is to understand the functions of keywords such as wen 文, zhi 志, qing 情, shen 神, yi 意, or qi 氣 in the contexts of broader arguments about tradition, language, socio-political order, and human nature. We will explore the meanings of authorship, intention, expression, communication, and interpretation in the Chinese tradition. The focus will be on pre-Qin and Han texts, but there will be forays into materials from later periods.

CHNSLIT 267R (01)

Topics in Tang Literature: Seminar

Course ID: 115521
2025 Fall (4 Credits)

R 1200 PM - 0245 PM

Instructor Permission Required

Xiaofei Tian

This semester's focus is Tang dynasty's tales, balancing canonical stories with less well-known ones. Central
HARVARD UNIVERSITY 392 of 1792

themes include the relationship between humans and things; sexuality and romance—especially romance with the alien kinds; violence; metamorphosis; and representations of trauma, nostalgia, and cultural memory.

Two years of literary Chinese or equivalent.

FAS: Meets Foreign Lang Req: Chinese

FAS Divisional Distribution: Arts and Humanities

Chinese

CHNSE BA

Course ID: 113873
2025 Fall (4 Credits)

Elementary Modern Chinese

TR 0900 AM - 1015 AM

Fangzheng Zhang

Non-intensive introduction to modern Chinese pronunciation, grammar, conversation, reading, and writing.

Course Note: No auditors. May not be taken Pass/Fail.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Chinese

CHNSE BA

Course ID: 113873
2026 Spring (4 Credits)

Elementary Modern Chinese

Non-intensive introduction to modern Chinese pronunciation, grammar, conversation, reading, and writing.

Course Note: No auditors. May not be taken Pass/Fail.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Chinese

CHNSE BA (002)

Course ID: 113873
2025 Fall (4 Credits)

Elementary Modern Chinese

TR 1030 AM - 1145 AM

Fangzheng Zhang

Non-intensive introduction to modern Chinese pronunciation, grammar, conversation, reading, and writing.

Course Note: No auditors. May not be taken Pass/Fail.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Chinese

CHNSE BA (003)

Course ID: 113873
2025 Fall (4 Credits)

Elementary Modern Chinese

TR 1030 AM - 1145 AM

Fangzheng Zhang

Non-intensive introduction to modern Chinese pronunciation, grammar, conversation, reading, and writing.

Course Note: No auditors. May not be taken Pass/Fail.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Chinese

CHNSE BA (004)

Course ID: 113873
2025 Fall (4 Credits)

Elementary Modern Chinese

TR 1200 PM - 0115 PM

Fangzheng Zhang

Non-intensive introduction to modern Chinese pronunciation, grammar, conversation, reading, and writing.

Course Note: No auditors. May not be taken Pass/Fail.

FAS: Meets Foreign Lang Req: Chinese

FAS Divisional Distribution: None

CHNSE BA (005)

Elementary Modern Chinese

TR 0130 PM - 0245 PM

Fangzheng Zhang

Non-intensive introduction to modern Chinese pronunciation, grammar, conversation, reading, and writing.

Course Note: No auditors. May not be taken Pass/Fail.

FAS: Meets Foreign Lang Req: Chinese

FAS Divisional Distribution: None

Course ID: 113873

2025 Fall (4 Credits)

CHNSE BB

Elementary Modern Chinese

TR 0900 AM - 1015 AM

Fangzheng Zhang

This is a continuation (second semester) of the Elementary Modern Chinese. It is designed for students who have completed the first semester of Elementary Modern Chinese I (Chinese Ba) or the equivalent. The course will further develop students' communicative skills in the listening and speaking modalities, and at the same time shift the focus of instruction gradually towards reading and writing. It provides more practice on syntactic structures, usage and their communicative functions, and prepares students for intermediate-level classes.

Course Note: No auditors. May not be taken Pass/Fail.

Requires: Prerequisite: Chinese BA or equivalent.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Chinese

Course ID: 124237

2026 Spring (4 Credits)

CHNSE BB

Elementary Modern Chinese

TR 1200 PM - 0115 PM

Fangzheng Zhang

This is a continuation (second semester) of the Elementary Modern Chinese. It is designed for students who have completed the first semester of Elementary Modern Chinese I (Chinese Ba) or the equivalent. The course will further develop students' communicative skills in the listening and speaking modalities, and at the same time shift the focus of instruction gradually towards reading and writing. It provides more practice on syntactic structures, usage and their communicative functions, and prepares students for intermediate-level classes.

Course Note: No auditors. May not be taken Pass/Fail.

Requires: Prerequisite: Chinese BA or equivalent.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Chinese

Course ID: 124237

2025 Fall (4 Credits)

CHNSE BB (002)

Elementary Modern Chinese

TR 1200 PM - 0115 PM

Fangzheng Zhang

This is a continuation (second semester) of the Elementary Modern Chinese. It is designed for students who have completed the first semester of Elementary Modern Chinese I (Chinese Ba) or the equivalent. The course will further develop students' communicative skills in the listening and speaking modalities, and at the same time shift the focus of instruction gradually towards reading and writing. It provides more practice on syntactic structures, usage and their communicative functions, and prepares students for intermediate-level classes.

Course Note: No auditors. May not be taken Pass/Fail.

Course ID: 124237

2026 Spring (4 Credits)

Requires: Prerequisite: Chinese BA or equivalent.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Chinese

CHNSE BB (003)

Elementary Modern Chinese

Course ID: 124237
2026 Spring (4 Credits)

TR 1030 AM - 1145 AM

Fangzheng Zhang

This is a continuation (second semester) of the Elementary Modern Chinese. It is designed for students who have completed the first semester of Elementary Modern Chinese I (Chinese Ba) or the equivalent. The course will further develop students' communicative skills in the listening and speaking modalities, and at the same time shift the focus of instruction gradually towards reading and writing. It provides more practice on syntactic structures, usage and their communicative functions, and prepares students for intermediate-level classes.

Course Note: No auditors. May not be taken Pass/Fail.

Requires: Prerequisite: Chinese BA or equivalent.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Chinese

CHNSE BB (004)

Elementary Modern Chinese

Course ID: 124237
2026 Spring (4 Credits)

TR 1030 AM - 1145 AM

Fangzheng Zhang

This is a continuation (second semester) of the Elementary Modern Chinese. It is designed for students who have completed the first semester of Elementary Modern Chinese I (Chinese Ba) or the equivalent. The course will further develop students' communicative skills in the listening and speaking modalities, and at the same time shift the focus of instruction gradually towards reading and writing. It provides more practice on syntactic structures, usage and their communicative functions, and prepares students for intermediate-level classes.

Course Note: No auditors. May not be taken Pass/Fail.

Requires: Prerequisite: Chinese BA or equivalent.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Chinese

CHNSE BB (005)

Elementary Modern Chinese

Course ID: 124237
2026 Spring (4 Credits)

TR 0130 PM - 0245 PM

Fangzheng Zhang

This is a continuation (second semester) of the Elementary Modern Chinese. It is designed for students who have completed the first semester of Elementary Modern Chinese I (Chinese Ba) or the equivalent. The course will further develop students' communicative skills in the listening and speaking modalities, and at the same time shift the focus of instruction gradually towards reading and writing. It provides more practice on syntactic structures, usage and their communicative functions, and prepares students for intermediate-level classes.

Course Note: No auditors. May not be taken Pass/Fail.

Requires: Prerequisite: Chinese BA or equivalent.

FAS: Meets Foreign Lang Req: Chinese

FAS Divisional Distribution: None

CHNSE BB (006)

Elementary Modern Chinese

Course ID: 124237
2026 Spring (4 Credits)

TR 0130 PM - 0245 PM

Fangzheng Zhang

This is a continuation (second semester) of the Elementary Modern Chinese. It is designed for students who have completed the first semester of Elementary Modern Chinese I (Chinese Ba) or the equivalent. The course will further develop students' communicative skills in the listening and speaking modalities, and at the same time

shift the focus of instruction gradually towards reading and writing. It provides more practice on syntactic structures, usage and their communicative functions, and prepares students for intermediate-level classes.

Course Note: No auditors. May not be taken Pass/Fail.

Requires: Prerequisite: Chinese BA or equivalent.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Chinese

CHNSE BX

Elementary Chinese for Advanced Learners

TR 0900 AM - 1015 AM

Linlin Xiong

For students with significant listening and speaking background. Introductory Modern Chinese language course, with emphasis on reading and writing. Covers in one term the equivalent of Chinese Ba and Bb.

Course Note: No auditors. May not be taken Pass/Fail.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Chinese

Course ID: 120305

2025 Fall (4 Credits)

Instructor Permission Required

CHNSE BX

Elementary Chinese for Advanced Learners

TR 0900 AM - 1015 AM

Linlin Xiong

For students with significant listening and speaking background. Introductory Modern Chinese language course, with emphasis on reading and writing. Covers in one term the equivalent of Chinese Ba and Bb.

Course Note: No auditors. May not be taken Pass/Fail.

FAS: Meets Foreign Lang Req: Chinese

FAS Divisional Distribution: None

Course ID: 120305

2026 Spring (4 Credits)

Instructor Permission Required

CHNSE BX (002)

Elementary Chinese for Advanced Learners

TR 1030 AM - 1145 AM

Linlin Xiong

For students with significant listening and speaking background. Introductory Modern Chinese language course, with emphasis on reading and writing. Covers in one term the equivalent of Chinese Ba and Bb.

Course Note: No auditors. May not be taken Pass/Fail.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Chinese

Course ID: 120305

2025 Fall (4 Credits)

Instructor Permission Required

CHNSE BX (003)

Elementary Chinese for Advanced Learners

TR 0130 PM - 0245 PM

Linlin Xiong

For students with significant listening and speaking background. Introductory Modern Chinese language course, with emphasis on reading and writing. Covers in one term the equivalent of Chinese Ba and Bb.

Course Note: No auditors. May not be taken Pass/Fail.

FAS: Meets Foreign Lang Req: Chinese

FAS Divisional Distribution: None

Course ID: 120305

2025 Fall (4 Credits)

Instructor Permission Required

CHNSE 106A

Course ID: 110543
2025 Fall (4 Credits)

Introduction to Literary Sinitic

MW 0900 AM - 1015 AM

Matthew Wild

Basic grammar and the reading of simple historical narrative.

Course Note: An additional lecture slot may be added if enough students enroll, with times to be arranged.

At least one year of modern Chinese, or familiarity with Chinese characters through knowledge of Japanese or Korean.

HCOL: Foreign Lang Citation: Literary Chinese

FAS: Meets Foreign Lang Req: Chinese

FAS Divisional Distribution: None

CHNSE 106B

Course ID: 113249
2026 Spring (4 Credits)

Introduction to Literary Sinitic

MW 0900 AM - 1015 AM

Matthew Wild

Introduction to pre-Qin philosophical texts.

Course Note: An additional lecture slot may be added if enough students enroll, with times to be arranged.

Chinese 106a or permission of instructor.

FAS: Meets Foreign Lang Req: Chinese

HCOL: Foreign Lang Citation: Literary Chinese

FAS Divisional Distribution: None

CHNSE 107A

Course ID: 112899
2025 Fall (4 Credits)

Intermediate Literary Sinitic

MW 1030 AM - 1145 AM

Matthew Wild

A second-year course designed to prepare students for reading and research using materials written in Literary Chinese. The focus in the fall semester will be prose from the Tang and Song dynasties.

One year of literary Chinese (Chinese 106 or equivalent).

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: Literary Chinese

FAS: Meets Foreign Lang Req: Chinese

CHNSE 107B

Course ID: 120045
2026 Spring (4 Credits)

Intermediate Literary Sinitic

MW 1030 AM - 1145 AM

Matthew Wild

A continuation of Chinese 107a, introducing more prose styles as well as poetry and lyric.

Chinese 107a or equivalent.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Chinese

HCOL: Foreign Lang Citation: Literary Chinese

This course focuses on the consolidation of the foundational skills acquired in Ba-Bb, introduces more complex grammatical structures, and develops students' understanding and knowledge of Chinese culture.

Course Note: No auditors. May not be taken Pass/Fail.

Chinese Bb or equivalent.

HCOL: Foreign Lang Citation: Chinese

FAS: Meets Foreign Lang Req: Chinese

FAS Divisional Distribution: None

CHNSE 120A
Intermediate Modern Chinese

Course ID: 113793
2025 Fall (4 Credits)

TR 0900 AM - 1000 AM

Ying-Chieh Wang

This course focuses on the consolidation of the foundational skills acquired in Ba-Bb, introduces more complex grammatical structures, and develops students' understanding and knowledge of Chinese culture.

Course Note: No auditors. May not be taken Pass/Fail.

Chinese Bb or equivalent.

HCOL: Foreign Lang Citation: Chinese

FAS: Meets Foreign Lang Req: Chinese

FAS Divisional Distribution: None

CHNSE 120A (002)
Intermediate Modern Chinese

Course ID: 113793
2025 Fall (4 Credits)

TR 1030 AM - 1130 AM

Ying-Chieh Wang

This course focuses on the consolidation of the foundational skills acquired in Ba-Bb, introduces more complex grammatical structures, and develops students' understanding and knowledge of Chinese culture.

Course Note: No auditors. May not be taken Pass/Fail.

Chinese Bb or equivalent.

HCOL: Foreign Lang Citation: Chinese

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Chinese

CHNSE 120A (003)
Intermediate Modern Chinese

Course ID: 113793
2025 Fall (4 Credits)

TR 0130 PM - 0230 PM

Ying-Chieh Wang

This course focuses on the consolidation of the foundational skills acquired in Ba-Bb, introduces more complex grammatical structures, and develops students' understanding and knowledge of Chinese culture.

Course Note: No auditors. May not be taken Pass/Fail.

Chinese Bb or equivalent.

HCOL: Foreign Lang Citation: Chinese

FAS: Meets Foreign Lang Req: Chinese

FAS Divisional Distribution: None

CHNSE 120B

Intermediate Modern Chinese

TR 1030 AM - 1130 AM

Ying-Chieh Wang

Continuation of Chinese 120a. This course focuses on the consolidation of the foundational skills acquired in Ba-Bb, introduces more complex grammatical structures, and develops students' understanding and knowledge of Chinese culture.

Course Note: No auditors. May not be taken Pass/Fail.

Chinese 120a, or equivalent.

FAS: Meets Foreign Lang Req: Chinese

HCOL: Foreign Lang Citation: Chinese

FAS Divisional Distribution: None

Course ID: 110940
2026 Spring (4 Credits)

CHNSE 120B (002)

Intermediate Modern Chinese

TR 0900 AM - 1000 AM

Ying-Chieh Wang

Continuation of Chinese 120a. This course focuses on the consolidation of the foundational skills acquired in Ba-Bb, introduces more complex grammatical structures, and develops students' understanding and knowledge of Chinese culture.

Course Note: No auditors. May not be taken Pass/Fail.

Chinese 120a, or equivalent.

FAS: Meets Foreign Lang Req: Chinese

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: Chinese

Course ID: 110940
2026 Spring (4 Credits)

CHNSE 120B (003)

Intermediate Modern Chinese

TR 0130 PM - 0230 PM

Ying-Chieh Wang

Continuation of Chinese 120a. This course focuses on the consolidation of the foundational skills acquired in Ba-Bb, introduces more complex grammatical structures, and develops students' understanding and knowledge of Chinese culture.

Course Note: No auditors. May not be taken Pass/Fail.

Chinese 120a, or equivalent.

FAS: Meets Foreign Lang Req: Chinese

HCOL: Foreign Lang Citation: Chinese

FAS Divisional Distribution: None

Course ID: 110940
2026 Spring (4 Credits)

CHNSE 123XB

Intermediate Modern Chinese for Advanced Learners

TR 0900 AM - 1015 AM

Landon (Yuxiao) Du

Continuation of Chinese Bx. Covers in one term the equivalent of Chinese 120a and 120b.

Course Note: No auditors. May not be taken Pass/Fail.

Chinese Bx, or instructor's permission.

Course ID: 143892
2026 Spring (4 Credits)

Requires: Prerequisite: Chinese BX, or instructor's permission.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Chinese

HCOL: Foreign Lang Citation: Chinese

CHNSE 123XB

Intermediate Modern Chinese for Advanced Learners

TR 1200 PM - 0115 PM

Linlin Xiong

Continuation of Chinese Bx. Covers in one term the equivalent of Chinese 120a and 120b.

Course Note: No auditors. May not be taken Pass/Fail.

Chinese Bx, or instructor's permission.

Requires: Prerequisite: Chinese BX, or instructor's permission.

FAS: Meets Foreign Lang Req: Chinese

HCOL: Foreign Lang Citation: Chinese

FAS Divisional Distribution: None

Course ID: 143892

2025 Fall (4 Credits)

CHNSE 123XB (002)

Intermediate Modern Chinese for Advanced Learners

TR 1030 AM - 1145 AM

Landon (Yuxiao) Du

Continuation of Chinese Bx. Covers in one term the equivalent of Chinese 120a and 120b.

Course Note: No auditors. May not be taken Pass/Fail.

Chinese Bx, or instructor's permission.

Requires: Prerequisite: Chinese BX, or instructor's permission.

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: Chinese

FAS: Meets Foreign Lang Req: Chinese

Course ID: 143892
2026 Spring (4 Credits)

CHNSE 123XB (003)

Intermediate Modern Chinese for Advanced Learners

TR 0130 PM - 0245 PM

Landon (Yuxiao) Du

Continuation of Chinese Bx. Covers in one term the equivalent of Chinese 120a and 120b.

Course Note: No auditors. May not be taken Pass/Fail.

Chinese Bx, or instructor's permission.

Requires: Prerequisite: Chinese BX, or instructor's permission.

FAS: Meets Foreign Lang Req: Chinese

HCOL: Foreign Lang Citation: Chinese

FAS Divisional Distribution: None

Course ID: 143892
2026 Spring (4 Credits)

CHNSE 130A

Pre-Advanced Modern Chinese

TR 0900 AM - 1015 AM

Landon (Yuxiao) Du

The aim of this course is to further develop students' Chinese proficiency in both spoken and written language. By reading texts based on current issues and cultural phenomena and engaging in in-depth class discussions, students will continue to expand their vocabulary, master more complex grammatical structures, and develop an ability to perform tasks involving description, narration, and argumentation at the discourse level.

Course ID: 159629
2025 Fall (4 Credits)

Chinese 120b or equivalent

FAS: Meets Foreign Lang Req: Chinese

HCOL: Foreign Lang Citation: Chinese

FAS Divisional Distribution: Arts and Humanities

CHNSE 130A (002)

Pre-Advanced Modern Chinese

TR 1030 AM - 1145 AM

Landon (Yuxiao) Du

The aim of this course is to further develop students' Chinese proficiency in both spoken and written language. By reading texts based on current issues and cultural phenomena and engaging in in-depth class discussions, students will continue to expand their vocabulary, master more complex grammatical structures, and develop an ability to perform tasks involving description, narration, and argumentation at the discourse level.

Chinese 120b or equivalent

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Chinese

HCOL: Foreign Lang Citation: Chinese

CHNSE 130A (003)

Pre-Advanced Modern Chinese

TR 1200 PM - 0115 PM

Landon (Yuxiao) Du

The aim of this course is to further develop students' Chinese proficiency in both spoken and written language. By reading texts based on current issues and cultural phenomena and engaging in in-depth class discussions, students will continue to expand their vocabulary, master more complex grammatical structures, and develop an ability to perform tasks involving description, narration, and argumentation at the discourse level.

Chinese 120b or equivalent

FAS: Meets Foreign Lang Req: Chinese

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Chinese

CHNSE 130B

Pre-Advanced Modern Chinese

TR 1200 PM - 0100 PM

Bin Yang

Continuation of Chinese 130a. The aim of this course is to further develop students' Chinese proficiency in both spoken and written language. By reading texts based on current issues and cultural phenomena and engaging in in-depth class discussions, students will continue to expand their vocabulary, master more complex grammatical structures, and develop an ability to perform tasks involving description, narration, and argumentation at the discourse level.

Chinese 130a or equivalent.

Requires: Prerequisite: Chinese 130A or equivalent.

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Chinese

HCOL: Foreign Lang Citation: Chinese

Course ID: 159629

2025 Fall (4 Credits)

Course ID: 159629

2025 Fall (4 Credits)

Course ID: 159631

2026 Spring (4 Credits)

CHNSE 130B (002)

Pre-Advanced Modern Chinese

TR 1030 AM - 1130 AM

Bin Yang

Continuation of Chinese 130a. The aim of this course is to further develop students' Chinese proficiency in both spoken and written language. By reading texts based on current issues and cultural phenomena and engaging in in-depth class discussions, students will continue to expand their vocabulary, master more complex grammatical structures, and develop an ability to perform tasks involving description, narration, and argumentation at the discourse level.

Chinese 130a or equivalent.

Requires: Prerequisite: Chinese 130A or equivalent.

HCOL: Foreign Lang Citation: Chinese

FAS: Meets Foreign Lang Req: Chinese

FAS Divisional Distribution: Arts and Humanities

Course ID: 159631
2026 Spring (4 Credits)

CHNSE 130B (003)

Pre-Advanced Modern Chinese

TR 0130 PM - 0230 PM

Bin Yang

Continuation of Chinese 130a. The aim of this course is to further develop students' Chinese proficiency in both spoken and written language. By reading texts based on current issues and cultural phenomena and engaging in in-depth class discussions, students will continue to expand their vocabulary, master more complex grammatical structures, and develop an ability to perform tasks involving description, narration, and argumentation at the discourse level.

Chinese 130a or equivalent.

Requires: Prerequisite: Chinese 130A or equivalent.

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Chinese

HCOL: Foreign Lang Citation: Chinese

Course ID: 159631
2026 Spring (4 Credits)

CHNSE 130XA

Pre-Advanced Modern Chinese for High-Proficiency Learners

MWF 1030 AM - 1130 AM

Shunan Yang

Designed for students whose Chinese speaking and listening skills are near-native, but whose reading and writing skills are at a high-intermediate level. This course focuses on reading texts based on current issues and cultural phenomena, and then applying complex grammar structures acquired to students' own writing.

Course Note: No auditors. May not be taken Pass/Fail.

Chinese 123xb or equivalent.

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Chinese

FAS: Meets Foreign Lang Req: Chinese

Course ID: 124235
2025 Fall (4 Credits)

CHNSE 130XA (002)

Pre-Advanced Modern Chinese for High-Proficiency Learners

MWF 1200 PM - 0100 PM

Shunan Yang

Designed for students whose Chinese speaking and listening skills are near-native, but whose reading and writing skills are at a high-intermediate level. This course focuses on reading texts based on current issues and cultural phenomena, and then applying complex grammar structures acquired to students' own writing.

Course Note: No auditors. May not be taken Pass/Fail.

Course ID: 124235
2025 Fall (4 Credits)

Chinese 123xb or equivalent.

FAS: Meets Foreign Lang Req: Chinese

HCOL: Foreign Lang Citation: Chinese

FAS Divisional Distribution: Arts and Humanities

CHNSE 130XB

Course ID: 124238

Pre-Advanced Modern Chinese for High-Proficiency Learners

2026 Spring (4 Credits)

MWF 1030 AM - 1130 AM

Shunan Yang

Designed for students whose Chinese speaking and listening skills are near-native, but whose reading and writing skills are at a high-intermediate level. This course focuses on reading texts based on current issues and cultural phenomena, and then applying complex grammar structures acquired to students' own writing. Covers the equivalent of Chinese 130b and other materials for reading and writing.

Course Note: No auditors. May not be taken Pass/Fail.

Chinese 130xa or equivalent.

Requires: Prerequisite: Chinese 130XA or equivalent.

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Chinese

HCOL: Foreign Lang Citation: Chinese

CHNSE 130XB (002)

Course ID: 124238

Pre-Advanced Modern Chinese for High-Proficiency Learners

2026 Spring (4 Credits)

MWF 1200 PM - 0100 PM

Shunan Yang

Designed for students whose Chinese speaking and listening skills are near-native, but whose reading and writing skills are at a high-intermediate level. This course focuses on reading texts based on current issues and cultural phenomena, and then applying complex grammar structures acquired to students' own writing. Covers the equivalent of Chinese 130b and other materials for reading and writing.

Course Note: No auditors. May not be taken Pass/Fail.

Chinese 130xa or equivalent.

Requires: Prerequisite: Chinese 130XA or equivalent.

FAS: Meets Foreign Lang Req: Chinese

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Chinese

CHNSE 133R

Course ID: 226259

Explorations Beyond Language

2025 Fall (4 Credits)

M 1030 AM - 1130 AM

Jennifer Li-Chia Liu, Ming Lei Lin

Topic: Eat & Drink in Chinese Culture

This course offers pre-advanced language practice through adapted authentic texts and videos (e.g., culinary arts, films, music). It emphasizes understanding Chinese cultural products, practices, and perspectives via interpretive, interactional and presentational communication from an interdisciplinary perspective. Fall 2025

Topic: Eating and Drinking in Chinese Culture

Grade of B or better in CHNSE 120b or equivalent proficiency.

FAS Divisional Distribution: Science & Engineering & Applied Science

HCOL: Foreign Lang Citation: Chinese

FAS: Meets Foreign Lang Req: Chinese

CHNSE 140A

Course ID: 111129
2025 Fall (4 Credits)

Advanced Modern Chinese

MWF 1200 PM - 0100 PM

Xiaocheng Chen

This course aims at further developing students' ability to use Chinese at a more advanced level. Students will engage in in-depth readings and discussions of various genres and writing styles, including argumentative essays, narratives, journalistic articles, and descriptive and literary writing. Emphasis is placed on reading and writing to specific audiences, and the use of complex structures and advanced vocabulary in formal speech and writing.

Course Note: Conducted in Chinese. No auditors. May not be taken Pass/Fail.

Chinese 130b or equivalent

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Chinese

FAS: Meets Foreign Lang Req: Chinese

CHNSE 140A (002)

Course ID: 111129
2025 Fall (4 Credits)

Advanced Modern Chinese

MWF 0130 PM - 0230 PM

Xiaocheng Chen

This course aims at further developing students' ability to use Chinese at a more advanced level. Students will engage in in-depth readings and discussions of various genres and writing styles, including argumentative essays, narratives, journalistic articles, and descriptive and literary writing. Emphasis is placed on reading and writing to specific audiences, and the use of complex structures and advanced vocabulary in formal speech and writing.

Course Note: Conducted in Chinese. No auditors. May not be taken Pass/Fail.

Chinese 130b or equivalent

HCOL: Foreign Lang Citation: Chinese

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Chinese

CHNSE 140B

Course ID: 119648
2026 Spring (4 Credits)

Advanced Modern Chinese

MWF 0130 PM - 0230 PM

Xiaocheng Chen

Continuation of Chinese 140a. This course aims at further developing students' ability to use Chinese at a more advanced level. Students will engage in in-depth readings and discussions of various genres and writing styles, including argumentative essays, narratives, journalistic articles, and descriptive and literary writing. Emphasis is placed on reading and writing to specific audiences, and the use of complex structures and advanced vocabulary in formal speech and writing.

Course Note: No auditors. May not be taken Pass/Fail.

Chinese 140a or equivalent.

Requires: Prerequisite: Chinese 140A or equivalent.

HCOL: Foreign Lang Citation: Chinese

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Chinese

CHNSE 140XB

Course ID: 207495
2026 Spring (4 Credits)

Advanced Modern Chinese for High-Proficiency Learners

MWF 1200 PM - 0100 PM

Xiaoshi Yu

Continuation of Chinese 140xa. This course aims at further developing students' ability to use Chinese in a more

advanced way. Students will be introduced to a wide variety of topics and literary genres through in-depth reading and focused discussion of classical works of Chinese literature. The course will focus on accurate comprehension of texts, expansion of vocabulary for expressing more refined and sophisticated ideas, and development of ability to process complex sentence structures used mainly in formal speech and literary writing. The objectives of this course include: 1) enabling students to gain a deeper understanding of Chinese cultural conventions and social norms in specific social and historical backgrounds, 2) building students' ability to "read between the lines" and discern the subtle connotations often present in Chinese speech and writing, 3) enhancing students' writing skills and improving students' ability to express opinions and feelings in a more accurate, appropriate and coherent manner, and to offer more detailed and vivid descriptions and narrations.

Course Note: No auditors. May not be taken Pass/Fail.

Chinese 140xa or equivalent.

FAS: Meets Foreign Lang Req: Chinese

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Chinese

CHNSE 142A

Advanced Conversational Chinese on Current Affairs

TR 1030 AM - 1145 AM

Jing Cai

Course ID: 113492

2025 Fall (4 Credits)

Instructor Permission Required

This course builds on the foundation that students have gained through prior Chinese coursework, with a focus on improving oral expression. Classes take the form of presentations, discussions, debates, and other activities designed to strengthen both extemporaneous and prepared speaking ability.

Course Note: No auditors. May not be taken Pass/Fail. No native speakers allowed. May not be used for citation.

Chinese 140a or equivalent

FAS: Meets Foreign Lang Req: Chinese

FAS Divisional Distribution: Arts and Humanities

CHNSE 142B

Advanced Conversational Chinese on Social Media

TR 1200 PM - 0100 PM

Xiaocheng Chen

Course ID: 110722

2026 Spring (4 Credits)

Instructor Permission Required

Continuation of 142a. This course builds on the foundation that students have gained through prior Chinese coursework, with a focus on improving oral expression. Classes take the form of presentations, discussions, debates, and other activities designed to strengthen both extemporaneous and prepared speaking ability.

Course Note: No auditors. May not be taken Pass/Fail. No native speakers allowed. May not be used for citation.

Chinese 140a, Chinese 142a, or equivalent.

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Chinese

CHNSE 143R

Odyssey Beyond Language

Course ID: 226326

2026 Spring (4 Credits)

Topic: Entrepreneurship & Innovation

This course provides advanced language practice using adapted authentic texts and videos (e.g., history, business, international relations, and current affairs). It focuses on understanding Chinese cultural phenomena, practices and perspectives through interpretive, interactional and presentational communication with an interdisciplinary perspective. Fall 2025 Topic: Entrepreneurship & Innovation: Chinese Cases

Prerequisite: Grade of B or better in C130b or equivalent proficiency.

FAS: Meets Foreign Lang Req: Chinese

CHNSE 150A

Topics in Chinese Culture and Society

MWF 1200 PM - 0115 PM

Jing Cai

The course seeks to consolidate and hone students' advanced Chinese ability through in-depth examination of Chinese society and culture.

Course Note: No auditors. May not be taken Pass/Fail.

Chinese 140b, 142b, or 163 or equivalent.

HCOL: Foreign Lang Citation: Chinese

FAS: Meets Foreign Lang Req: Chinese

FAS Divisional Distribution: Arts and Humanities

Course ID: 119757

2025 Fall (4 Credits)

CHNSE 150B

Topics in Chinese Culture and Society

MWF 1200 PM - 0115 PM

Jing Cai

Continuation of Chinese 150a. The course seeks to consolidate and hone students' advanced Chinese ability through in-depth examination of Chinese society and culture.

Course Note: No auditors. May not be taken Pass/Fail.

Chinese 150a or equivalent.

Requires: Prerequisite: Chinese 150A or equivalent.

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Chinese

HCOL: Foreign Lang Citation: Chinese

Course ID: 119758

2026 Spring (4 Credits)

Instructor Permission Required

CHNSE 163

Business Chinese

MWF 1030 AM - 1145 AM

Jing Cai

Designed for students interested in international business, employment or internships in Chinese-speaking communities (China, Taiwan, Singapore), or for students who simply want to improve their Chinese proficiency with a focus on authentic social and professional interactions. Students will develop their professional communication skills (both spoken and written), as well as gaining a broad business vocabulary. No specific background in business or economics is required.

Course Note: Conducted in Chinese. May not be taken Pass/Fail.

Prerequisite: Chinese 140a, Chinese 130xb or equivalent (with permission of instructor).

HCOL: Foreign Lang Citation: Chinese

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Chinese

Course ID: 117085

2026 Spring (4 Credits)

CHNSE 166R

Chinese in the Humanities

MW 1030 AM - 1145 AM

Jennifer Li-Chia Liu, David Wang

Topic: Modern Chinese Literature

Advanced language practice through the reading and analysis of authentic academic texts in humanities disciplines (e.g., art, literature, cinematic studies). May be offered independently in Chinese, or linked with an

Course ID: 108397

2026 Spring (4 Credits)

English-language content course. Specific content varies by year.

Course Note: All readings and discussions in Chinese. Counts toward Language Citation in Modern Chinese.

Grade of B or better in Chinese 140b or equivalent proficiency.

HCOL: Foreign Lang Citation: Chinese

FAS: Meets Foreign Lang Req: Chinese

FAS Divisional Distribution: Arts and Humanities

CHNSE 166R

Chinese in the Humanities

R 1200 PM - 0200 PM

Jennifer Li-Chia Liu

Topic: The Greatest Chinese Novel

Advanced language practice through the reading and analysis of authentic academic texts in humanities disciplines (e.g., art, literature, cinematic studies). May be offered independently in Chinese, or linked with an English-language content course. Specific content varies by year.

Course Note: All readings and discussions in Chinese. Counts toward Language Citation in Modern Chinese. In addition to the class meetings, students will be asked to attend a 30-minute one-on-one session with the Language Instructor or TF on Thursdays or Fridays.

Grade of B or better in Chinese 140b or equivalent proficiency.

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Chinese

FAS: Meets Foreign Lang Req: Chinese

CHNSE 166R (002)

Chinese in the Humanities

No meeting time listed

Jennifer Li-Chia Liu

Topic: The Greatest Chinese Novel

Advanced language practice through the reading and analysis of authentic academic texts in humanities disciplines (e.g., art, literature, cinematic studies). May be offered independently in Chinese, or linked with an English-language content course. Specific content varies by year.

Course Note: All readings and discussions in Chinese. Counts toward Language Citation in Modern Chinese.

Grade of B or better in Chinese 140b or equivalent proficiency.

HCOL: Foreign Lang Citation: Chinese

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Chinese

CHNSE 187 (01)

Art and Violence in the Cultural Revolution

T 0945 AM - 1145 AM

Xiaofei Tian

Examines the cultural implications of the Cultural Revolution (1966-1976). We will examine how art was violent towards people and how violence was turned into an art. We will also consider the link between violence, trauma, memory and writing. Materials include memoir, fiction, essay, "revolutionary Peking Opera," and film.

Course Note: Lectures and most readings in Chinese. Discussions in Chinese. Count toward Language Citation in Modern Chinese.

FAS: Meets Foreign Lang Req: Chinese

HCOL: Foreign Lang Citation: Chinese

FAS Divisional Distribution: Arts and Humanities

Course ID: 108397

2025 Fall (4 Credits)

Course ID: 108397

2025 Fall (4 Credits)

Course ID: 115034

2026 Spring (4 Credits)

CHNSE 300	Course ID: 114283
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Peter K. Bol</i>	

CHNSE 300	Course ID: 114283
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Peter K. Bol</i>	

CHNSE 300 (002)	Course ID: 114283
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Mark Elliott</i>	

CHNSE 300 (002)	Course ID: 114283
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Mark Elliott</i>	

CHNSE 300 (003)	Course ID: 114283
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Jie Li</i>	

CHNSE 300 (003)	Course ID: 114283
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Jie Li</i>	

CHNSE 300 (004)	Course ID: 114283
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Wai-yee Li</i>	

CHNSE 300 (004)	Course ID: 114283
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Wai-yee Li</i>	

CHNSE 300 (005)	Course ID: 114283
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Thomas Kelly</i>	

CHNSE 300 (005)	Course ID: 114283
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>

CHNSE 300 (006)
Reading and Research
No meeting time listed
Xiaofei Tian

Course ID: 114283
2025 Fall (4 Credits)
Instructor Permission Required

CHNSE 300 (006)
Reading and Research
No meeting time listed
Xiaofei Tian

Course ID: 114283
2026 Spring (4 Credits)
Instructor Permission Required

CHNSE 300 (007)
Reading and Research
No meeting time listed
Michael J. Puett

Course ID: 114283
2025 Fall (4 Credits)
Instructor Permission Required

CHNSE 300 (007)
Reading and Research
No meeting time listed
Michael J. Puett

Course ID: 114283
2026 Spring (4 Credits)
Instructor Permission Required

CHNSE 300 (008)
Reading and Research
No meeting time listed
Michael Szonyi

Course ID: 114283
2025 Fall (4 Credits)
Instructor Permission Required

CHNSE 300 (008)
Reading and Research
No meeting time listed
Michael Szonyi

Course ID: 114283
2026 Spring (4 Credits)
Instructor Permission Required

CHNSE 300 (009)
Reading and Research
No meeting time listed
David Wang

Course ID: 114283
2025 Fall (4 Credits)
Instructor Permission Required

CHNSE 300 (009)
Reading and Research
No meeting time listed
David Wang

Course ID: 114283
2026 Spring (4 Credits)
Instructor Permission Required

EAFM 123 (01)

Korean Stars

MW 0130 PM - 0245 PM

Chan Yong Bu

Course ID: 224288
2026 Spring (4 Credits)

What makes stars "shine?" In other words, what are the conditions for stardom? In this course, we will explore how stars embody the intersection of constantly changing media infrastructures; media aesthetics; social norms concerning gender, race, age, and economic status; and geopolitics surrounding Korea. From the 1910s-1930s stardom of silent-film narrators (*pyōnsa*) in colonial Korea, to the global success of Korean stars in the fields of film, music, drama, fashion, and gaming today, this course will map the trajectories of modern and contemporary media culture in Korea—and beyond—with an emphasis on stars. We will develop the analytical capacities to probe the recurring themes a star consolidates within the specific historical contexts of Korea across a series of their works. We will also consider a range of media technologies, filming and editing techniques deployed for the purpose of either retaining or changing the star's image, and the various modes of interplay between a star and their audience.

No background in Korean is required.

FAS Divisional Distribution: Arts and Humanities

EAFM 124 (01)

Theorizing Korean Cinema

T 1245 PM - 0245 PM

Chan Yong Bu

Course ID: 226286
2026 Spring (4 Credits)

How has the pairing of "Korean" and "cinema" mutually affected their conceptualizations? What are/were the epistemological and material vectors that constitute each word, and how do these vectors bridge the two terms, or conversely, bring them into them conflict? What specific modes of mapping the world have arisen from this combination? This undergraduate seminar sketches a trajectory of cinema as an art of formulating subjectivity in Korea, from the colonial period to the present. Bringing together multiple understandings of "technology"—in relation to mass media, natural science and engineering, and the operation of governmentality—we will probe how cinema has been a major site of technologies, a central node at which the fostering of pliant subjects for imperialism, authoritarianism, neoliberalism, and heteronormative male-centered society in general; the navigation and critique of these very power relations; and encounters with new science and mass media technologies all intersected in Korea. Instead of defining Korean cinema as the homogenous realization of some unchanging cultural essence of Korea, this seminar approaches it as a conjunction of diverse modes of addressing the subject's place within the changing techno-geopolitical, infrastructural, and ecological landscapes surrounding Korea. In tandem with an in-depth reading of each film's aesthetic and narrative features, we will examine the rationales behind the categorization of films as Joseon film, women's film, experimental film, Minjok film, Korean New Wave, and Korean blockbusters, to name a few, as proposed by film directors, critics, scholars, film societies, and government institutions. The focus of the seminar is placed on these cinematic genres' (1) approach to the medium of film, audience, and screening venue, (2) their resonance with social movements and theorizations of cinema abroad, (3) the convergence of film aesthetics and infrastructural changes (train, car, factory, etc.) and new media technologies (computer animation, VR, drone, GoPro, etc.), and (4) their frustration or consolidation of the national, ideological, gendered, and epochal boundaries propping up the notion of "Korean." Building on these concerns, students are encouraged to explore the interplay of multiple technologies through which diverse forms of subjectivity are contested, questioned, and appropriated, and to respond to the central questions posed by the seminar in their final projects.

EAFM 201 (01)

Media Mix: Representations and Meaning Between Media in Japan:

Seminar

No meeting time listed

Alexander Zahlten

Course ID: 108471
2026 Spring (4 Credits)

This course introduces ways of understanding the complex media systems we live in. Drawing on a wide range of media theories it maps different histories of the interconnection of media in Japan, from "old" to "new" media. The course will explore the early ties between theater, literature and cinema, fascist media strategies, the

popularization of the media mix by anime and publishing companies, current routes between manga, anime, light novels, films and games, or the emerging platform economy. It will consider the consequences of media mix for, among others, our understanding of nation, gender, memory, and the concept of world. Basic Japanese language skills are recommended, though not required, for this course.

FAS Divisional Distribution: Arts and Humanities

EAFM 222 (01)

Media Cultures in the People's Republic of China

R 1245 PM - 0245 PM

Jie Li

This graduate seminar examines the changing mediascape in China from the 1950s to the present. Every week, we will focus on one or two different media forms or technologies, from propaganda posters, photography, cinema, radio, loudspeakers, cassettes, to television, video, Internet, surveillance systems, and digital platforms. We will ask questions such as: How have mass media represented and transformed Chinese culture, history, and society? To what extent was the Chinese revolution a media revolution, and is there a media revolution going on now? How have various media served propaganda and surveillance, facilitated grassroots activism and creativity, circulated as commodities or connected communities? How have media technologies affected perception, experiences, and memories of socialism and postsocialism, as well as the aesthetics, ethics and everyday practices of every decade? What might be specific or special about each medium, and how have different types of media interacted in the Chinese context?

Course ID: 110471

2025 Fall (4 Credits)

FAS Divisional Distribution: Arts and Humanities

EAFM 300

Reading and Research

No meeting time listed

Alexander Zahlten

Course ID: 160719

2025 Fall (4 Credits)

Instructor Permission Required

EAFM 300

Reading and Research

No meeting time listed

Alexander Zahlten

Course ID: 160719

2026 Spring (4 Credits)

Instructor Permission Required

EAFM 300 (002)

Reading and Research

No meeting time listed

Jie Li

Course ID: 160719

2025 Fall (4 Credits)

Instructor Permission Required

EAFM 300 (002)

Reading and Research

No meeting time listed

Shigehisa Kuriyama

Course ID: 160719

2026 Spring (4 Credits)

Instructor Permission Required

EAFM 300 (003)

Reading and Research

No meeting time listed

Shigehisa Kuriyama

Course ID: 160719

2025 Fall (4 Credits)

Instructor Permission Required

EAFM 300 (003)

Reading and Research

No meeting time listed

Course ID: 160719

2026 Spring (4 Credits)

Instructor Permission Required

EAFM 300 (004)

Reading and Research

No meeting time listed

Tomiko Yoda

Course ID: 160719

2025 Fall (4 Credits)

Instructor Permission Required

EAFM 300 (004)

Reading and Research

No meeting time listed

Jie Li

Course ID: 160719

2026 Spring (4 Credits)

Instructor Permission Required

East Asian Studies

EASTD 90R

East Asian Language Tutorials

No meeting time listed

Course ID: 152860
2025 Fall (4 Credits)

Independent reading and research in an East Asian language.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS Divisional Distribution: None

EASTD 90R

East Asian Language Tutorials

No meeting time listed

Shigehisa Kuriyama

Course ID: 152860
2026 Spring (4 Credits)

Independent reading and research in an East Asian language.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS Divisional Distribution: None

EASTD 90R (002)

East Asian Language Tutorials

No meeting time listed

Shigehisa Kuriyama

Course ID: 152860
2025 Fall (4 Credits)

Independent reading and research in an East Asian language.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS Divisional Distribution: None

EASTD 90R (002)

East Asian Language Tutorials

No meeting time listed

Course ID: 152860
2026 Spring (4 Credits)

Independent reading and research in an East Asian language.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS Divisional Distribution: None

EASTD 91R

Supervised Reading and Research

No meeting time listed

Shigehisa Kuriyama

Course ID: 148329
2025 Fall (4 Credits)

Instructor Permission Required

Independent reading and research in East Asian Studies.

Course Note: Open to students who have given evidence of ability to do independent reading and research. May be taken on an individual basis or by small groups of students interested in working on the same topic. Permission of the Director of Undergraduate Studies required.

FAS Divisional Distribution: Arts and Humanities

EASTD 91R

Supervised Reading and Research

No meeting time listed

Shigehisa Kuriyama, Daniel Koss

Independent reading and research in East Asian Studies.

Course Note: Open to students who have given evidence of ability to do independent reading and research. May be taken on an individual basis or by small groups of students interested in working on the same topic. Permission of the Director of Undergraduate Studies required.

FAS Divisional Distribution: Arts and Humanities

EASTD 97AB

Introduction to the Study of East Asia: Issues and Methods

MW 0130 PM - 0245 PM

Shigehisa Kuriyama

This interdisciplinary and team-taught course provides an introduction to several of the approaches and methods through which the societies and cultures of East Asia can be studied at Harvard, including history, philosophy, literary studies, political science, film studies, anthropology and gender studies. We consider both commonalities and differences across the region, and explore how larger processes of imperialism, modernization, and globalization have shaped contemporary East Asian societies and their future trajectories.

Course Note: Required of sophomore concentrators and secondary field candidates. Open to freshmen. EAS 97ab may not be taken Pass/Fail.

FAS Divisional Distribution: Arts and Humanities

EASTD 98K (01)

Economic Governance in East Asia

R 1245 PM - 0245 PM

Daniel Koss

East Asia has given rise to models of development with distinct visions for the relationship between the state and the market. Hallmarks of the designs are powerful ministries, gigantic conglomerates, state-supervised labor unions, and spectacular corruption. The first part of the tutorial revisits four decades of "miraculous" growth in Japan and the Asian Tiger economies (South Korea, Taiwan, Hong Kong, and Singapore), in order to illuminate underlying development strategies from a political science perspective, including through theories of late industrialization and varieties of capitalism. The second part of this course focuses on China, whose strategists have drawn on its neighbors' experience. It highlights the vast differences between economic regions in China (the Pearl River versus the Yangtze Delta, versus lagging Western regions), as well as the significant transformation of the country's approach over the last three decades. Students will develop a deeper comprehension of phenomena such as national champions, tycoons in the digital economy, Communist party control, international expansion, and slogans such as "Made in China 2025." Throughout the course, we will occasionally go back in time to historical foundations of economic governance. This junior tutorial provides individualized support in the research process toward a final paper.

Course Note: This course counts toward the Junior Tutorial requirement for East Asian Studies concentrators.

FAS Divisional Distribution: Social Sciences

EASTD 99A

Tutorial - Senior Year

No meeting time listed

Shigehisa Kuriyama

Course ID: 135225

2025 Fall (4 Credits)

Instructor Permission Required

Thesis guidance under faculty direction. Part one of a two part series.

Course Note: All students writing an EAS or joint EAS thesis will attend a research and writing workshop that meets twice each term.

Full Year Course: Divisible Course

FAS Divisional Distribution: Arts and Humanities

EASTD 99B

Tutorial - Senior Year

No meeting time listed

Shigehisa Kuriyama

Thesis guidance under faculty direction. Part two of a two part series.

Course Note: All students writing an EAS or joint EAS thesis will attend a research and writing workshop that meets twice each term.

Full Year Course: Divisible Course

FAS Divisional Distribution: Arts and Humanities

Course ID: 159890

2026 Spring (4 Credits)

Instructor Permission Required

EASTD 111 (01)

Buddhism in the Anthropocene

TR 0300 PM - 0415 PM

Ryuichi Abe

What can Buddhism teach us about surviving and thriving in the face of ecological crisis? This course examines the challenges and possibilities of life on a global planet from a Buddhist perspective. Organized thematically around Buddhist concepts such as karma, pollution, suffering, and interdependence – and paired with the material realities of environmental degradation and consumption practices – the course investigates how Buddhists around the globe are responding to and contributing to pressing issues like climate change, extreme weather events, radical environmental degradation, plummeting biodiversity, pollution, waste and wasting, melting glaciers, rising sea levels, food insecurity, and related phenomena. Drawing on ethnographic writings from Japan, China, Inner Asia, Nepal, Vietnam, and other regions, we will explore how Buddhist practitioners and communities are conceptualizing and addressing the unprecedented impact of human beings on global environmental processes. In doing so, we will also critically engage with the broader issues surrounding Buddhist environmentalism (e.g. Buddhist ecology and greening of Buddhism).

This course will be taught by Paulina Kolata: <https://ealc.fas.harvard.edu/people/paulina-kolata>

FAS Divisional Distribution: Arts and Humanities

Course ID: 226296

2025 Fall (4 Credits)

EASTD 112 (01)

Buddhism and the Senses [aka "Buddhist stuff"]

TR 0300 PM - 0415 PM

How does Buddhism smell, taste, sound, look, and feel to touch? In this course, we will consider how bodies experience the divine presence, religious norms and regulations, spaces, and religious imaginaries. Through the lens of Buddhism, we will engage with the sensory and embodied dimensions of religious practices, both through the experiences of practitioners and our own. From spirit possession, to carving religious statues, cooking Buddhist feasts, and making and smelling incense, we will uncover how religious worlds come into being through the senses and embodied practice. This course will also delve into the meaning of religious affects and embodied realities of Buddhism, while offering a theoretical introduction to material religion.

This course will be taught by Paulina (Paula) Kolata.

Course ID: 226299

2026 Spring (4 Credits)

EASTD 141 (01)

East Asian Religions: Traditions and Transformations

TR 0130 PM - 0245 PM

James Robson

Course ID: 126199

2026 Spring (4 Credits)

This course provides an introduction to the study of East Asian religions. It covers the development of Buddhism, Daoism, Confucianism and Shinto. It is not a comprehensive survey, but is designed around major conceptual themes, such as ritual, image veneration, mysticism, meditation, death, and category formation in the study of religion. The emphasis throughout the course is on the hermeneutic difficulties attendant upon the study of religion in general, and East Asian religions in particular.

Course Note: Offered jointly with the Divinity School as 3010.

FAS Divisional Distribution: Arts and Humanities

EASTD 143A (01)

Digital Tools and Methods in East Asian Humanities: No-coding Approach

W 0900 AM - 1145 AM

Kwok-leong Tang

This course is designed for students in East Asian humanities with no prior background in digital literacy. It will introduce digital tools and methods used for the acquisition, transformation, analysis, and presentation of data. Coding is not required. Students completing the course will be able to integrate and apply the tools and methods into their research. Hands-on practices will be the major core of this course. Although students will expose to a wide range of tools, we use Konstanz Information Miner (KNIME), an open access analytics platform, as the axle of the course. Students will learn concepts and build workflows in different aspects of digital scholarship.

Ability to read Chinese, Japanese, or Korean documents is required. Contact the instructor for further detail.

FAS Divisional Distribution: Arts and Humanities

EASTD 143B (01)

Digital Tools and Methods in East Asian Humanities: Coding Approach

W 0900 AM - 1145 AM

Kwok-leong Tang

This course is designed for students in East Asian Humanities who are interested in adopting digital methods in their research with basic Python coding. It will introduce fundamental programming concepts, SQL and relational databases, popular Python libraries in data cleaning, text analysis, and supervised and unsupervised machine learning. Students completing the course will be able to integrate and apply the Python libraries taught in class into their research and to explore the rapidly growing newcomers without hurdles.

Ability to read Chinese, Japanese, or Korean documents is required. Contact the instructor for further detail.

FAS Divisional Distribution: Arts and Humanities

EASTD 154 (01)

Threads: Histories and Theories of Clothing and Fashion

W 1200 PM - 0245 PM

Melissa M. McCormick, Chan Yong Bu

Course ID: 220091

2025 Fall (4 Credits)

Instructor Permission Required

This course focuses on fashion and clothing in Japan and Korea from pre-1900 to the present day. It aims to build a knowledge base of historically contextualized case studies through readings, lectures, and discussion. It examines clothing as a site of societal debate, personal and collective identity formation, and philosophical inquiry. Theoretical readings will allow students to apply what they learn to a variety of topics beyond East Asia for final papers and projects. Topics will engage with issues of gender, colonialism, and racialization in inter-Asian and internationalist contexts. Methods of analysis will include examining 1) the image of fashion and clothing (photographs, film, visual media, memory); 2) fashion as text, or written clothing—how clothing becomes fashion through discourse; and 3) the materiality of dress. To study materiality, the course includes a lab section where students will examine closely textiles and articles of clothing in the collections of the Harvard Museums, and engage in materials workshops (learning for example weaving and dyeing techniques). Students will be encouraged to make connections between form and function and meaning, and to incorporate a knowledge of technological constraint and possibility into their own analyses of clothing and fashion.

Course Note: This course will also include a one-hour Materials Lab.

This course counts for HAA concentration credit.

Each Lab section is capped at 12.

EASTD 170 (01)

Course ID: 144070

Medicine and the Self in China and in the West

2025 Fall (4 Credits)

MW 0130 PM - 0245 PM

Shigehisa Kuriyama

Comparative historical exploration of the striking differences and unexpected similarities between traditional conceptions of the body in East Asian and European medicine; the evolution of beliefs within medical traditions; the relationship between traditional medicine and contemporary experience.

Course Note: This course fulfills the East Asian Studies concentration "Historical Survey" requirement.

FAS Divisional Distribution: Arts and Humanities

EASTD 198 (01)

Course ID: 212977

Political Parties of East Asia

2025 Fall (4 Credits)

T 1245 PM - 0245 PM

Daniel Koss

East Asia has been home to an astonishing assortment of political parties, covering the spectrum from democratic to authoritarian institutions, including some of the world's most sophisticated and resilient political organizations. We begin with China's Communist Party, revisiting its foundation in 1921, its rise during the Sino-Japanese War 1937-45, and its transformation from a revolutionary party to a party in power; then turn to the present day to cover the deep reach of the party into society, the activities and functions of ordinary members, as well as the dynamics of the leading echelons. The second part of the course focuses on Japan, including the origins of political parties in the late 19th century, the post-War emergence of the perennial ruling party, the age of grand money politics under Tanaka Kakuei, the electoral reform of 1993, and the origins of the party's current strength. The third part consists of case studies, covering contemporary parties in North and South Korea, parties in Taiwan before and after the democratic transition, as well as parties in Malaysia and Vietnam, with their multiple connections to East Asia. The course also puts East Asian parties into a comparative perspective to other world regions.

FAS Divisional Distribution: Social Sciences

EASTD 199 (01)

Course ID: 215837

China and the African Continent

2026 Spring (4 Credits)

TR 1030 AM - 1145 AM

Daniel Koss

As Africa faces daunting challenges, the "Beijing model" invites intriguing alternative visions to the poorly performing designs by traditional foreign actors in the region. Moving from Chinese farm households in Mozambique to state-owned copper mines in Zambia, military bases in East Africa and the United Nations headquarters, this seminar critically assesses the potential for China's presence to transform Sub-Saharan Africa. After identifying the intellectual stakes (week 1), and discussing anecdotal glimpses from the grassroots-levels (week 2), the class deals with traditional development assistance, along with Maoist attempts to revolutionize the "world countryside" – resulting in legacies such as a China-trained guerilla fighter serving as the President of Zimbabwe. We then discuss the current footprint of Beijing, including its influence on elite politics, Chinese public and private business interests, and the diversity of the one million Chinese migrants to Africa. Four sessions specialize on (1) resource extraction versus opportunities for human capital development (2) debt-traps of Western and Eastern origins (3) emerging tensions over human rights policies (4) and the military dimension, including China's role in Peace-Keeping Operations. Finally, the course addressees how the Chinese presence may transform established multilateral institutions, and the challenges associated with African migration to China. Social science research will be read alongside journalistic accounts and primary documents, such as leaked diplomatic cables and strategy papers. Will Africa become "Beijing's Second Continent," of the neo-colonial or tributary kind? What promises does the China model hold for Africans? How do the partners on both continents react to experiences of disillusionment and retreat? The assignments are designed to train students for public policy work and require close group collaboration.

FAS Divisional Distribution: Social Sciences

Crisis? What crisis? This course examines the cultural, social, economic, and political transformations shaping religion and society in Japan. Rather than serving as a comprehensive survey, the course is divided into four thematic sections explored through ethnographic case studies and major conceptual themes. These include (1) the practices and processes of knowledge production (emic and etic perspectives, religion and modernity, colonial and postcolonial legacies), (2) religious landscapes (rural-urban spaces, religious tourism and heritage, economy and materiality, and environmental perspectives), (3) political entanglements (religion and law, nationalism, religious violence, religious pluralism, transnationalism, religion and ethnic and racial identities), and (4) questions of authority and agency through the prism of gender, technology, and the media. The emphasis throughout the course remains on the key concepts and debates in anthropology of religion.

This course will be taught by Paulina (Paula) Kolata.

A seminar focusing on primary sources in classical languages, as well as recent scholarship and theoretical texts. This semester, the course centers on medieval Japanese manuscripts in the collections of the Harvard Art Museums and Harvard University libraries. Students will decipher calligraphic writing (kuzushiji), translate classical Japanese literary texts, and analyze accompanying images in illustrated manuscripts. The course serves as a continuation of JPN106a: Classical Japanese.

FAS Divisional Distribution: Arts and Humanities

In this graduate seminar, students will explore the ways in which debates and negotiations about languages, writing systems, and linguistic and script diversity in East Asia matter in the formation and dispersal of imagined communities, establishment of and challenge to political power, social reproduction, and more. The course's wide-ranging readings are culled from diverse fields and disciplines including the history of writing, reading, and the book in East Asia (China, Japan, Korea, and Vietnam); linguistic anthropology; sociolinguistics; and studies of modernity/modernism and of colonialism and post colonialism. Examining the relationships between language, culture, and society in societies of East Asia in the past and the present, students will develop comparative (cross-regional, cross-temporal, and cross linguistic/script) and interdisciplinary approaches to the study of East Asia. This seminar is not a language or linguistics course. All readings are in English.

Course Note: This course was formerly listed as Kor. Lit 211. Ideologies of Language and Writing in Korea and Beyond

FAS Divisional Distribution: Arts and Humanities

FAS Divisional Distribution: None

EASTD 300 (02)
Reading and Research
No meeting time listed
David Howell

Course ID: 148616
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

EASTD 301
Independent Teaching Fellow-related Work

Course ID: 208279
2025 Fall (2 Credits)

Independent Teaching Fellow-related work.

FAS Divisional Distribution: None

EASTD 301
Independent Teaching Fellow-related Work

Course ID: 208279
2026 Spring (2 Credits)

Independent Teaching Fellow-related work.

FAS Divisional Distribution: None

EASTD 302
Independent Course-related Work

Course ID: 208280
2025 Fall (2 Credits)

Independent Course-related Work

FAS Divisional Distribution: None

EASTD 302
Independent Course-related Work

Course ID: 208280
2026 Spring (2 Credits)

Independent Course-related Work

FAS Divisional Distribution: None

EASTD 303 (01)
Independent Research Work

Course ID: 208282
2025 Fall (2 Credits)

Independent research work.

FAS Divisional Distribution: None

Independent research work.

FAS Divisional Distribution: None

EASTD 304
EALC Teaching Practicum

Course ID: 212681
2025 Fall (2 Credits)

T 0300 PM - 0545 PM

Jie Li

This course is intended for graduate students in the Department of East Asian Languages and Civilizations, who are either first-time teachers or first-time teaching fellows (TF) in the department. While convened by the EALC PF, who will serve as a resource on weeks that are departmentally specific, invited experts trained in each week's topics will primarily run the course. It will begin by providing students with a tool-kit for effectively fulfilling their role as TF in the remote learning environment. This will include strategies for online teaching, managing and engaging students in the virtual classroom, and effective grading and feedback methods. The course will then transition into more specific topics that may arise in the classroom, and finally expand to consider broader issues that we all face when teaching in East Asian Studies departments. The course will meet for a total of 9 times. We will meet weekly for weeks 1-4 and bi-weekly for the remainder of the semester, in two-hour sessions. There are a total of 9 sessions, as well as the expectation that participants complete the Bok Center's self-paced Canvas site before the first course meeting. Students must successfully complete the course before advancing to their general exams. Each meeting will focus on a specific skill and is intended to give students the chance to not only think about how they want to teach, but also the opportunity to put those ideas into practice before stepping into the classroom. Beyond its specific weekly agendas, the course is intended to provide a comfortable space to voice concerns, discuss anxieties, identify fears, and share successes. Students are encouraged to raise issues about teaching and professional growth. The syllabus is flexible and can respond to student needs and concerns as the semester progresses, so please be sure to provide your feedback as we go along. The course is primarily intended for students currently in the fall semester of their G3 year, although G2 students are also welcome to enroll in the course. For G3 students, this is a chance to use actual materials from your assigned course to prepare for leading discussion sections in parallel with the demands of the semester. For G2 students, who will not yet have a teaching assignment, you will be asked to consult with your advisor about what course you are most likely to teach in the coming year, obtain a syllabus used in previous years for that course, and prepare for class activities based on those readings and potential lecture topics. Class requirements regarding collecting midterm feedback and class observation/recording may be completed during the following academic year without repeating the course.

This course will be taught by the DGS, who will be appointed in July.

FAS Divisional Distribution: None

Korean Literature

KORLIT 134 (01)

Course ID: 205281
2025 Fall (4 Credits)

Korean Literature in Translation

TR 1200 PM - 0115 PM

Si Nae Park

This lecture course introduces undergraduate students to selected works of Korean literature of all periods in translation, with an eye toward the broader humanistic study of Korean literature and culture. The class activities include deep reading, seminar-style discussion, research presentation, creative writing, and field trips.

Course Note: All readings are in English. No knowledge of the Korean language is required. Knowledge of Korean culture and history is not required but is encouraged. Graduate students may take this course for credit after consultation with the instructor. KORLIT 134 is a 100-level EALC course that can be counted toward fulfilling EAS concentration requirements. This year, Spring 2024, KORLIT 134 is offered as a bridge course of an advanced-level Korean language course, KOREAN 166R.

FAS Divisional Distribution: Arts and Humanities

KORLIT 213 (01)

Course ID: 204995
2025 Fall (4 Credits)

History of the Book in Korea and in East Asia

M 0300 PM - 0545 PM

Si Nae Park

This course provides graduate students with research methods to study East Asian rare books with a primary focus on Korea. Students will have hands-on experience using materials held by the Harvard-Yenching Library and Harvard Art Museums.

FAS Divisional Distribution: Arts and Humanities

Chaghatay

CHAGATAY B

Elementary Chaghatay

MWF 1030 AM - 1145 AM

Course ID: 215859
2026 Spring (4 Credits)

This course is intended to develop a basic reading knowledge of Chaghatay, the classical antecedent of modern Uzbek and modern Uyghur, and the common literary language of all Central Asian Turks from the fourteenth to the early twentieth centuries. The course includes a survey of Chaghatay literature as well as a discussion of grammar, the writing system, and lexicographical resources; the class meetings will be devoted to both textbook-based instruction and (particularly in the second half of the semester) the reading of samples from Chaghatay texts drawn from printed sources and manuscript copies. This is a continuation of Chaghatay A.

FAS: Meets Foreign Lang Req: Chaghatay

FAS Divisional Distribution: None

CHAGATAY 120A

Intermediate Chaghatay

MWF 1030 AM - 1145 AM

Gulnar Yulghun

Course ID: 218156
2025 Fall (4 Credits)

A continuation of Chaghatay B. This course aims to develop learners' reading, transliterating, transcribing, and analyzing skills. Mainly focuses on reading the primary sources materials. These firsthand manuscript passages include selections from different time periods (fourteenth to early twentieth century), different places (both Eastern & Western Turkestan), and different genres (religious, historical, literature, legal, healing and medical etc.). This will provide learners with an excellent basis as they move forward with their own research. In this course learners will be able to (1) read original handwritten Chaghatay materials; (2) distinguish different genres; (3) transliterate and transcribe manuscripts, as well as practicing linguistic annotation and translation into English; and (4) analyze each reading materials.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Chaghatay

JAPNLIT 261 (01)Course ID: 220044
2025 Fall (4 Credits)**Authorship and Literary Creativity in Early Modern Japan**

R 1245 PM - 0245 PM

David Atherton

This course explores the nature of authorship and the imagination of literary creativity during Japan's Edo period (1600-1868). Did poets, playwrights, and commercial writers understand "writing" as something shared among their diverse creative endeavors? To what extent did the theorization of different literary arts involve a shared conceptual vocabulary? How should we understand the gaps between writerly theory and practice? How did literary identities intersect status identities? Did models of creativity from earlier periods shape early modern conceptions of authorship? Can we trace the role of readers and fans in the shaping the figure of the author? How should we understand the striking gender segregation apparent in early modern authorship? We will examine poetic treatises, author biographies, playwrighting manuals, works of fiction, visual representations of writers past and present, encyclopedias and theatrical ephemera, letters, and works of social history concerning status, selfhood, and labor. We will also read select works of literary theory from the classical and medieval periods. Students will gain experience in reading a wide variety of early modern registers and styles will develop a comprehensive grasp of early modern poetic, prose, and theatrical literary production across a broad range of genres.

Ability to read classical Japanese.

FAS Divisional Distribution: Arts and Humanities

JAPNLIT 262 (01)Course ID: 226316
2026 Spring (4 Credits)**Theater and Theatrical Culture in Early Modern Japan**

R 0300 PM - 0545 PM

David Atherton

The Edo period witnessed the rise of two major theatrical forms—jōruri (puppet theater) and kabuki—that would exert an enormous impact on early modern culture. Both remain living performance genres today. Yet studying them as forms of early modern theater proves daunting. Both forms have undergone significant changes since the end of the Edo period (as, indeed, they transformed across the centuries of Tokugawa rule). And because performance is, by nature, ephemeral, reconstructing the dynamics and experience of an early modern play presents significant challenges. This is particularly true in the case of kabuki: a form for which the script (few of which survive) served primarily as a general outline for performances that could change significantly from one showing to the next. Yet both theaters left a wide range of traces in diverse media: playbills, actor critiques, actor and theater prints, objects, book illustrations, and theater-related books of all varieties, from satirical "audience critiques" to adaptations of plays into illustrated print fiction (kusazōshi). This seminar has three aims. First, it will introduce students to practical methods for studying early modern performance: familiarizing them with archives of theatrical ephemera, introducing strategies for accessing elements of performance from secondary materials, studying accounts of playwriting and performance by early modern playwrights and actors, and weighing the pitfalls and rewards of relying upon the conventions of modern performances. Second, it will invite students to understand early modern "theater" not only as a matter of performance, but as a broader cultural phenomenon that most people accessed not within the playhouse, but through secondary media like playbills, prints, critiques, merchandise, and fiction. And third, the seminar will delve into broader cultural, social, and political dimensions of theater in the early modern period, touching on such subjects as the relationship between the theater and the sacred; the theater's relationship to early modern discourses of emotion; the body of the actor and the performance of gender; fan culture; the relationship between urban and rural theatrical culture; and the ongoing debate about whether early modern kabuki is better understood as a subversive or a conservative genre. Our learning will take place not only in the classroom, but also through visits to the Harvard Art Museums and the Yenching Rare Book Room.

Ability to read modern and classical Japanese.

Korean History

KORHIST 111 (01)

Course ID: 113364
2026 Spring (4 Credits)

Traditional Korea

M 0300 PM - 0545 PM

Sun Joo Kim

Survey of the history of Korea, from earliest times to the 19th century. Examines various interpretive approaches and issues in the political, social, economic, intellectual, cultural, and diplomatic history of premodern Korea.

Course Note: This course fulfills the East Asian Studies concentration "Historical Survey" requirement.

FAS Divisional Distribution: Arts and Humanities

KORHIST 230R

Course ID: 113964
2025 Fall (4 Credits)

Readings in Premodern Korean History

W 0300 PM - 0500 PM

Sun Joo Kim

Examines the social, political, economic, and intellectual history of premodern Korea. Designed primarily for graduate students preparing for the general examination.

Korean History 111 or equivalent.

FAS: Meets Foreign Lang Req: Korean

FAS Divisional Distribution: None

KORHIST 245 (01)

Course ID: 226334
2025 Fall (4 Credits)

History of Modern Korea

F 1200 PM - 0245 PM

Sun Joo Kim

The purpose of this class is to examine the strong and weak points of Korea's modern history (roughly 1850—1987). The format will be lecture and discussion based on a series of questions. Did Korea adequately prepare itself to fend off Japan and other potential colonizers up through 1910? Where could it have done better? Then, it will evaluate Japan's time as administrators of the Peninsula and its people. Where do its faults/strengths lie? Finally, our examination will conclude with an examination of the post-liberation period and question some of the decisions made by its leaders leading up to the democratization movement.

This course will be taught by Mark E. Caprio, professor emeritus at Rikkyo University in Tokyo, Japan. <https://ealc.fas.harvard.edu/people/mark-caprio>

FAS Divisional Distribution: Social Sciences

Korean

KOREAN BA

Course ID: 124296
2025 Fall (4 Credits)

Elementary Korean

MWF 0900 AM - 1000 AM

Hi-Sun Kim

This introductory course is designed to provide a basic foundation in modern Korean language and culture by focusing on the balanced development of the interpersonal (speaking), interpretive (listening & reading), and presentational (formal speech & writing) skills. Students in Korean Ba begin by learning the complete Korean writing system (Hangul), which is followed by lessons focusing on basic conversational skills, cultural competence, and grammatical structures. To provide sufficient opportunities to apply what has been learned in class, there are small group drill sessions, language tables, and a number of other cultural activities.

FAS: Meets Foreign Lang Req: Korean

FAS Divisional Distribution: None

KOREAN BA (002)

Course ID: 124296
2025 Fall (4 Credits)

Elementary Korean

MWF 1030 AM - 1130 AM

Hwanhee Kim

This introductory course is designed to provide a basic foundation in modern Korean language and culture by focusing on the balanced development of the interpersonal (speaking), interpretive (listening & reading), and presentational (formal speech & writing) skills. Students in Korean Ba begin by learning the complete Korean writing system (Hangul), which is followed by lessons focusing on basic conversational skills, cultural competence, and grammatical structures. To provide sufficient opportunities to apply what has been learned in class, there are small group drill sessions, language tables, and a number of other cultural activities.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Korean

KOREAN BA (003)

Course ID: 124296
2025 Fall (4 Credits)

Elementary Korean

MWF 1200 PM - 0100 PM

Hi-Sun Kim

This introductory course is designed to provide a basic foundation in modern Korean language and culture by focusing on the balanced development of the interpersonal (speaking), interpretive (listening & reading), and presentational (formal speech & writing) skills. Students in Korean Ba begin by learning the complete Korean writing system (Hangul), which is followed by lessons focusing on basic conversational skills, cultural competence, and grammatical structures. To provide sufficient opportunities to apply what has been learned in class, there are small group drill sessions, language tables, and a number of other cultural activities.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Korean

KOREAN BB

Course ID: 124240
2026 Spring (4 Credits)

Elementary Korean

MWF 0900 AM - 1000 AM

Hi-Sun Kim

Continuation of Korean Ba. This introductory course is designed to provide a basic foundation in modern Korean language and culture by focusing on the balanced development of the interpersonal (speaking), interpretive (listening & reading), and presentational (formal speech & writing) skills. To provide sufficient opportunities to apply what has been learned in class, there are small group drill sessions, language tables, and a number of other cultural activities.

Korean Ba or equivalent.

Requires: Prerequisite: Korean BA or equivalent.

FAS: Meets Foreign Lang Req: Korean

FAS Divisional Distribution: None

KOREAN BB (002)

Elementary Korean

MWF 1200 PM - 0100 PM

Hi-Sun Kim

Continuation of Korean Ba. This introductory course is designed to provide a basic foundation in modern Korean language and culture by focusing on the balanced development of the interpersonal (speaking), interpretive (listening & reading), and presentational (formal speech & writing) skills. To provide sufficient opportunities to apply what has been learned in class, there are small group drill sessions, language tables, and a number of other cultural activities.

Course ID: 124240
2026 Spring (4 Credits)

Korean Ba or equivalent.

Requires: Prerequisite: Korean BA or equivalent.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Korean

KOREAN BB (003)

Elementary Korean

MWF 1030 AM - 1130 AM

Continuation of Korean Ba. This introductory course is designed to provide a basic foundation in modern Korean language and culture by focusing on the balanced development of the interpersonal (speaking), interpretive (listening & reading), and presentational (formal speech & writing) skills. To provide sufficient opportunities to apply what has been learned in class, there are small group drill sessions, language tables, and a number of other cultural activities.

Course ID: 124240
2026 Spring (4 Credits)

Korean Ba or equivalent.

Requires: Prerequisite: Korean BA or equivalent.

FAS: Meets Foreign Lang Req: Korean

FAS Divisional Distribution: None

KOREAN BX

Elementary Korean for Advanced Beginners

MWF 1030 AM - 1145 AM

Hi-Sun Kim

Korean Bxa is an accelerated course designed for those who have received significant exposure to Korean language and culture and thus have some listening and speaking skills, but haven't had sufficient opportunity to develop their knowledge of basic reading, writing, and grammar. This course will cover important grammatical structures covered Elementary Korean (Ba and Bb) for the purpose of providing tools to build upon the existing level of each student's Korean language ability.

Course ID: 114383
2025 Fall (4 Credits)

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Korean

KOREAN 91R

Supervised Reading and Research

No meeting time listed

Hi-Sun Kim

Course ID: 127528
2025 Fall (4 Credits)

Instructor Permission Required

Independent reading and research in Korean Language.

Course Note: Open to students who have completed Korean 150b and given evidence of ability to do independent reading and research. May be taken on an individual basis or by small groups of students interested in working on the same topic.

Korean 150b and permission of course head.

FAS: Meets Foreign Lang Req: Korean

FAS Divisional Distribution: Arts and Humanities

KOREAN 120A

Course ID: 117220
2025 Fall (4 Credits)

Intermediate Korean

MWF 1030 AM - 1130 AM

Ahsil Noh

Korean 120a is the first half of the intermediate course designed for students who have successfully completed Elementary Korean or students who have an equivalent proficiency level. This course aims to increase students' ability to communicate in Korean in a wide range of daily life situations with an equal focus on expanding and on consolidating students' knowledge of the fundamental grammar of Korean. Students are introduced to reading and listening materials of increasing complexity on a variety of topics in modern Korean society and culture. In addition, in order to develop a deeper understanding of the basic structures of the Korean vocabulary, simple Chinese characters will be introduced in this course.

Korean Bb or equivalent.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Korean

HCOL: Foreign Lang Citation: Korean

KOREAN 120B

Course ID: 124043
2026 Spring (4 Credits)

Intermediate Korean

MWF 1030 AM - 1130 AM

Ahsil Noh

Korean 120b is the second half of the intermediate course and the continuation of Korean 120a. This course is designed for students who have completed Korean 120a or have demonstrated equivalent proficiency. The goal of this course is to increase students' ability to communicate in Korean in a wide range of daily life situations, and the course places equal focus on expanding and consolidating students' fundamental structural knowledge of Korean. Students are introduced to reading and listening materials, of increasing complexity, on a variety of topics in modern Korean society and culture.

Korean 120a or equivalent.

FAS: Meets Foreign Lang Req: Korean

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: Korean

KOREAN 123XB

Course ID: 161278
2026 Spring (4 Credits)

Intermediate Korean for Advanced Beginners

MWF 1030 AM - 1145 AM

Instructor Permission Required

Hi-Sun Kim

Korean 123xb is a continuation of Korean Bx and is for those who have received significant exposure to Korean language and culture and thus have some listening and speaking skills. It is an accelerated course covering important grammatical structures and materials from Intermediate Korean (120a and 120b) for the purpose of providing tools to build upon the basic foundation of student's Korean language ability. Hence, this class is designed to meet the linguistic needs that are unique to heritage language students to (i) increase accuracy in grammar, (ii) develop basic reading writing skills, and (iii) expand vocabulary through introduction of Chinese characters.

FAS: Meets Foreign Lang Req: Korean

FAS Divisional Distribution: None

KOREAN 130A

Course ID: 111235
2025 Fall (4 Credits)

Pre-advanced Korean

MWF 1200 PM - 0115 PM

Kyoungwon Oh

Korean 130a is designed for students who have completed Intermediate Korean 120b or have equivalent proficiency. Students will consolidate previously learned grammatical patterns and vocabulary through written and audio-visual materials on a variety of topics. By exploring these topics in Korean, students will not only enhance their language skills of listening, reading, speaking and writing in Korean, but will also allow them to better comprehend Korean culture and society. Emphasis will be placed on developing abilities to present opinions and elaborate ideas through discussions and writings. Moreover, Chinese characters will be added in this course with the purpose of expanding vocabulary to the advanced level.

For discussion sections, students will be asked to meet for 30-minute small group sessions on either Tuesday OR Thursday, between 12:00-1:00 or 1:30-2:30.

Korean 120b or equivalent.

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Korean

FAS: Meets Foreign Lang Req: Korean

KOREAN 130B

Course ID: 111846
2026 Spring (4 Credits)

Pre-advanced Korean

MWF 1200 PM - 0115 PM

Kyoungwon Oh

Korean 130b is the second half of a pre-advanced Korean course designed for students who have either successfully completed the first half of a pre-advanced Korean course (Korean 130a) or have an equivalent background in Korean language and culture. Students in this course will reinforce their mastery of previously learned grammatical patterns and vocabulary through written and audio-visual materials covering a variety of topics. They will also explore various culture-related topics and styles in Korean while further improving their speaking, listening, reading, and writing skills, enabling them to better comprehend Korean culture and society.

Korean 130a or equivalent.

HCOL: Foreign Lang Citation: Korean

FAS: Meets Foreign Lang Req: Korean

FAS Divisional Distribution: Arts and Humanities

KOREAN 130XA

Course ID: 218165
2025 Fall (4 Credits)

Pre-Advanced Modern Korean for High-Proficiency Learners

MWF 1200 PM - 0115 PM

Hwanhee Kim

Korean 130xa is designed for students who have received significant exposure to Korean language and culture and thus have near-native listening and speaking skills, but intermediate or high-intermediate level in grammar and vocabulary used in advanced reading and writing. The goals of this course is to focus and address the linguistic needs that are unique to students with such background: (i) increase in accuracy and usage of complex grammar, (ii) development in reading and writing skills in various topics, (iii) deeper understanding of Korean history, society, and culture, and (iv) expansion of vocabulary through Chinese characters for advanced reading. Thus, this course will cover important basic and complex grammatical structures needed to improve and develop formal language skills in reading, writing, and presentations. Upon completion of this course, students will continue to Korean 130xb.

For discussion sections, students will be asked to meet for 30-minute small group sessions on either Tuesday OR Thursday, between 12:00-1:00 or 1:30-2:30.

Korean 123xb or by instructor's consent.

HCOL: Foreign Lang Citation: Korean
FAS: Meets Foreign Lang Req: Korean
FAS Divisional Distribution: Arts and Humanities

KOREAN 130XB

Pre-Advanced Modern Korean for High-Proficiency Learners

Course ID: 220040
2026 Spring (4 Credits)

MWF 1200 PM - 0115 PM

Hwanhee Kim

Korean 130xb is a continuation of 130xa, which is designed for students who have received significant exposure to Korean language and culture and thus have near-native listening and speaking skills, but intermediate or high-intermediate level in grammar and vocabulary used in advanced reading and writing. The goals of this course is to focus and address the linguistic needs that are unique to students with such background. Thus, this course will continue to (i) increase in accuracy and usage of complex grammar, (ii) develop in basic academic reading and writing skills in various topics, (iii) provide deeper understanding of Korean history, society, and culture, and (iv) expand vocabulary through Chinese characters (Hanja) for advanced reading. Furthermore, it will continue to build on important grammatical structures needed to develop formal language skills in reading, writing, and presentations. Upon completion of this course, students will continue to Korean 140a.

130a, 130xa, or consent from instructor

FAS: Meets Foreign Lang Req: Korean

HCOL: Foreign Lang Citation: Korean

FAS Divisional Distribution: Arts and Humanities

KOREAN 140A

Advanced Korean

Course ID: 116633
2025 Fall (4 Credits)

MWF 1200 PM - 0115 PM

Ahsil Noh

Korean 140a is designed to enhance students beyond the high-intermediate level in reading, speaking, and writing skills in order to begin understanding socio-cultural and historical issues of contemporary Korea. Hence, the aim of the course includes (i) comprehending authentic materials from contemporary Korean mass media, (ii) following essential points of oral and written discourses that are linguistically complex, (iii) discussing concrete topics relating to major issues of contemporary Korean society and culture through supporting opinions, refutations, hypotheses, and detailed explanations of ideas, and (iv) writing about a variety of topics of Korean culture and society in detail with significant accuracy in grammar and structure. Furthermore, further development of knowledge in Chinese characters, idioms, proverbs, maxims, will be covered in this course.

Korean 130b or equivalent.

HCOL: Foreign Lang Citation: Korean

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Korean

KOREAN 140B

Advanced Korean

Course ID: 112139
2026 Spring (4 Credits)

MWF 1200 PM - 0115 PM

Ahsil Noh

Korean 140b is the second half of fourth-year Korean which is designed to enhance students' language abilities beyond the high-intermediate level in reading, speaking, and writing in order to begin understanding the social, cultural, and historical issues of contemporary Korea. Hence, the aim of the course includes (i) comprehending authentic materials from a wide variety of topics and genres from contemporary Korean literature, movies, and dramas, (ii) understanding the essential points of oral and written discourses that are linguistically complex, (iii) discussing concrete topics relating to major issues of contemporary Korean society and culture through supporting opinions, refutations, hypotheses, and detailed explanations of ideas, and (iv) writing about a variety of topics in Korean culture and society in detail with significant accuracy in grammar and structure.

Korean 140a or equivalent.

Requires: Prerequisite: KOREAN 140A or equivalent.

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: Korean

FAS: Meets Foreign Lang Req: Korean

KOREAN 150B

Course ID: 115518
2026 Spring (4 Credits)

Readings in Cultural Studies

MWF 1030 AM - 1145 AM

Kyoungwon Oh

Korean 150b is the second half of a content-based Korean language course, designed for promoting language proficiency at the high advanced level. The goal of this course is to achieve critical thinking and a deeper understanding of important issues/events in Korean culture, society, and history through language. Students are expected to apply advanced language skills in formal settings in analyzing contemporary texts and media, discussing historical and current events, and formulate opinions and arguments on various topics. Texts and media are drawn from authentic sources in various genres such as literary works, academic essays, films, TV dramas, documentaries, etc. In-class discussions, presentations, and academic research writing will be emphasized.

Korean 150a or equivalent.

FAS: Meets Foreign Lang Req: Korean

HCOL: Foreign Lang Citation: Korean

FAS Divisional Distribution: Arts and Humanities

KOREAN 166R

Course ID: 222082
2025 Fall (4 Credits)

Korean in the Humanities

F 0945 AM - 1145 AM

Kyoungwon Oh

Topic: Translating Korean Literature

Advanced language course based on reading, discussion, and analysis of primary texts from Korean humanities disciplines (e.g., literature, film, etc.). Emphasis on development of language skills in reading, translating, writing, and presenting academic content. May be taken as either a stand-alone Korean language course or together with a linked English-language content course. Specific topics and materials vary by year.

Korean 140b or approval from instructor.

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Korean

HCOL: Foreign Lang Citation: Korean

KOREAN 300

Course ID: 123021
2025 Fall (4 Credits)

Reading and Research

No meeting time listed

Carter Eckert

Instructor Permission Required

KOREAN 300

Course ID: 123021
2026 Spring (4 Credits)

Reading and Research

No meeting time listed

Carter Eckert

Instructor Permission Required

KOREAN 300 (002)

Course ID: 123021
2025 Fall (4 Credits)

Reading and Research

No meeting time listed

Sun Joo Kim

Instructor Permission Required

KOREAN 300 (002)

Reading and Research

No meeting time listed

Sun Joo Kim

Course ID: 123021

2026 Spring (4 Credits)

Instructor Permission Required

KOREAN 300 (003)

Reading and Research

No meeting time listed

Si Nae Park

Course ID: 123021

2025 Fall (4 Credits)

Instructor Permission Required

KOREAN 300 (003)

Reading and Research

No meeting time listed

Si Nae Park

Course ID: 123021

2026 Spring (4 Credits)

Instructor Permission Required

EABS 256R (01)
Chinese Buddhist Texts - Readings in Medieval Buddh-Daoist Documents: Seminar

Course ID: 125643
2026 Spring (4 Credits)

W 0300 PM - 0545 PM

James Robson

This seminar focuses on the careful textual study and translation of a variety of Chinese Buddh-Daoist texts through the medieval period.

Course Note: Offered jointly with the Divinity School as 3233.

Reading knowledge of Classical Chinese and background in the study of Chinese Buddhism is required.

FAS: Meets Foreign Lang Req: Chinese

FAS Divisional Distribution: Arts and Humanities

EABS 300
Reading and Research

Course ID: 117751
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Ryuichi Abe

EABS 300
Reading and Research

Course ID: 117751
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Ryuichi Abe

EABS 300 (002)
Reading and Research

Course ID: 117751
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Janet Gyatso

EABS 300 (002)
Reading and Research

Course ID: 117751
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

James Robson

EABS 300 (003)
Reading and Research

Course ID: 117751
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

James Robson

EABS 300 (003)
Reading and Research

Course ID: 117751
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Janet Gyatso

Japanese

JAPAN BA

Elementary Japanese

MWF 0900 AM - 1000 AM

Naomi Asakura

This course aims to develop a basic foundation in modern Japanese leading to proficiency in the four language skills of speaking, listening, reading and writing. Emphasis is placed on the use of these skills to communicate effectively in authentic contexts of daily life. Mastery of hiragana, katakana, and approximately 86 Kanji (Chinese characters).

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Japanese

Course ID: 111193
2025 Fall (4 Credits)

JAPAN BA (002)

Elementary Japanese

MWF 1030 AM - 1130 AM

Naomi Asakura

This course aims to develop a basic foundation in modern Japanese leading to proficiency in the four language skills of speaking, listening, reading and writing. Emphasis is placed on the use of these skills to communicate effectively in authentic contexts of daily life. Mastery of hiragana, katakana, and approximately 86 Kanji (Chinese characters).

FAS: Meets Foreign Lang Req: Japanese

FAS Divisional Distribution: None

Course ID: 111193
2025 Fall (4 Credits)

JAPAN BA (003)

Elementary Japanese

MWF 0130 PM - 0230 PM

Naomi Asakura

This course aims to develop a basic foundation in modern Japanese leading to proficiency in the four language skills of speaking, listening, reading and writing. Emphasis is placed on the use of these skills to communicate effectively in authentic contexts of daily life. Mastery of hiragana, katakana, and approximately 86 Kanji (Chinese characters).

FAS: Meets Foreign Lang Req: Japanese

FAS Divisional Distribution: None

Course ID: 111193
2025 Fall (4 Credits)

JAPAN BB

Elementary Japanese

MWF 0900 AM - 1000 AM

Yuko Kageyama-Hunt

Continuation of Japanese Ba, with an approximately 123 additional Kanji. This course aims to develop a basic foundation in modern Japanese leading to proficiency in the four language skills of speaking, listening, reading and writing. Emphasis is placed on the use of these skills to communicate effectively in authentic contexts of daily life.

Japanese Ba or equivalent.

Requires: Prerequisite: Japanese BA or equivalent.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Japanese

Course ID: 124258
2026 Spring (4 Credits)

JAPAN BB (002)

Elementary Japanese

MWF 1030 AM - 1130 AM

Yuko Kageyama-Hunt

Continuation of Japanese Ba, with an approximately 123 additional Kanji. This course aims to develop a basic foundation in modern Japanese leading to proficiency in the four language skills of speaking, listening, reading and writing. Emphasis is placed on the use of these skills to communicate effectively in authentic contexts of daily life.

Japanese Ba or equivalent.

Requires: Prerequisite: Japanese BA or equivalent.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Japanese

Course ID: 124258
2026 Spring (4 Credits)

JAPAN BB (003)

Elementary Japanese

MWF 0130 PM - 0230 PM

Yuko Kageyama-Hunt

Continuation of Japanese Ba, with an approximately 123 additional Kanji. This course aims to develop a basic foundation in modern Japanese leading to proficiency in the four language skills of speaking, listening, reading and writing. Emphasis is placed on the use of these skills to communicate effectively in authentic contexts of daily life.

Japanese Ba or equivalent.

Requires: Prerequisite: Japanese BA or equivalent.

FAS: Meets Foreign Lang Req: Japanese

FAS Divisional Distribution: None

Course ID: 124258
2026 Spring (4 Credits)

JAPAN 106A

Classical Japanese

TR 1030 AM - 1145 AM

Danica Truscott

In this course, we will learn and practice reading the fundamental grammatical patterns of classical, or literary, Japanese (bungo). From Murasaki Shikibu's *The Tale of Genji* to Bashō's famous haiku, this linguistic form appears in a wide variety of Japanese literature. In fact, traces of classical Japanese can still be found in modern Japanese and are often employed in news articles and song lyrics. As we read poetry, short stories, diaries, and more, students will not only gain the ability to read premodern vernacular texts with the aid of a dictionary, but will also develop a deeper appreciation for Japanese language and culture across the ages.

Japanese 130b or with instructor's permission.

FAS: Meets Foreign Lang Req: Japanese

HCOL: Foreign Lang Citation: Japanese

FAS Divisional Distribution: Arts and Humanities

Course ID: 110782
2025 Fall (4 Credits)

JAPAN 106B (01)

Introduction to Kambun

TR 1030 AM - 1145 AM

Danica Truscott

In this course, students will learn how to read a variety of Japanese texts written entirely in Chinese characters, or kambun. Specifically, we will practice the art of rendering both classical and quasi-classical Chinese script into Japanese syntax, a reading method known as kundoku or yomikudashi. After learning the basics via textbook, we will read texts from several different genres such as mythologies, histories, and official documents. By taking

Course ID: 111790
2026 Spring (4 Credits)

this course, students will begin developing the necessary skills for reading primary sources produced by Japanese officials and literati with the aid of a dictionary, laying the groundwork for further training in students' specific fields of research.

Japan 106A, or instructor's permission.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Kambun

JAPAN 106C (01)

Later Classical Japanese

TR 1200 PM - 0115 PM

Danica Truscott

This course is a continuation of Japan 106A as we further practice reading and translating texts written in classical Japanese. Specifically, we look at works written in the writing style of the vernacular, also known as kana. Such texts include poetry, monogatari tales, and personal diaries. Our schedule will be organized into various units by format and genre as well as students' interests. As we read, we will situate these texts within their historical and social context, while also exploring what these texts tell us about their historical moment. Students will submit a working English-language translation for a text of their choosing as a final project, thereby demonstrating a nuanced understanding of premodern vernacular Japanese texts along with the societies that produced such works.

Japanese 106A.

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Japanese

JAPAN 106D (01)

Kana and Kanbun Texts in Early and Classical Japan

T 1245 PM - 0245 PM

Danica Truscott

Educated classes in premodern Japan read and often wrote utilizing both kana ("vernacular") and kanbun ("Chinese") writing systems in recording their lives and creating art. Following in their footsteps, students will read and translate texts written in both kana and kanbun from Japan's early and classical periods (710-1185). We will explore differences in form and content between the two writing styles along with linguistic quirks featured in our readings. We will also consider the conception of gendered writing and cross-cultural comparisons with other East Asian literatures, including poetic treatises and histories. At the end of this course, students will be able to not only read and translate texts written in multiple linguistic forms, but also discuss such texts side-by-side in a comprehensive manner.

Japan 106A and 106B

FAS: Meets Foreign Lang Req: Japanese

FAS Divisional Distribution: Arts and Humanities

JAPAN 120A

Intermediate Japanese I

MTWR 0900 AM - 1000 AM

Maiko Nakatani

Second-year intermediate level course aimed at consolidation of the basic grammatical patterns of Japanese and development of reading, writing, speaking, and listening skills to the level necessary for communication in everyday life in Japanese society. Introduction of approximately 150 Chinese characters beyond those introduced in Bb.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Japanese

Course ID: 121032
2026 Spring (4 Credits)

Course ID: 222803
2025 Fall (4 Credits)

Course ID: 159595
2025 Fall (4 Credits)

JAPAN 120A (002)

Intermediate Japanese I

MTWR 1200 PM - 0100 PM

Maiko Nakatani

Second-year intermediate level course aimed at consolidation of the basic grammatical patterns of Japanese and development of reading, writing, speaking, and listening skills to the level necessary for communication in everyday life in Japanese society. Introduction of approximately 150 Chinese characters beyond those introduced in Bb.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Japanese

Course ID: 159595
2025 Fall (4 Credits)

JAPAN 120B

Intermediate Japanese I

MTWR 0900 AM - 1000 AM

Yuki Sakomura

Continuation of Japanese 120a. Approximately 150 additional Chinese characters. Second-year intermediate level course aimed at consolidation of the basic grammatical patterns of Japanese and development of reading, writing, speaking, and listening skills to the level necessary for communication in everyday life in Japanese society.

Japanese 120a or equivalent.

Requires: Prerequisite: Japanese 120A or equivalent.

HCOL: Foreign Lang Citation: Japanese

FAS: Meets Foreign Lang Req: Japanese

FAS Divisional Distribution: None

Course ID: 159596
2026 Spring (4 Credits)

JAPAN 120B (002)

Intermediate Japanese I

MTWR 1200 PM - 0100 PM

Yuki Sakomura

Continuation of Japanese 120a. Approximately 150 additional Chinese characters. Second-year intermediate level course aimed at consolidation of the basic grammatical patterns of Japanese and development of reading, writing, speaking, and listening skills to the level necessary for communication in everyday life in Japanese society.

Japanese 120a or equivalent.

Requires: Prerequisite: Japanese 120A or equivalent.

FAS: Meets Foreign Lang Req: Japanese

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: Japanese

Course ID: 159596
2026 Spring (4 Credits)

JAPAN 130A

Intermediate Japanese II

MTRF 0900 AM - 1015 AM

Chikako Takehara

Third-year intermediate advanced course. Development of skills in reading authentic materials from contemporary Japanese media and fiction and in aural comprehension of contemporary television news and drama with decreased reliance on pedagogical aids. Development of speaking and writing skills to an increasingly sophisticated level. Introduction of approximately 200 additional Chinese characters beyond those introduced in 120b.

Japanese 120b or equivalent.

Course ID: 114292
2025 Fall (4 Credits)

HCOL: Foreign Lang Citation: Japanese
FAS Divisional Distribution: None
FAS: Meets Foreign Lang Req: Japanese

JAPAN 130A (002)

Intermediate Japanese II

MTRF 1200 PM - 0115 PM

Chikako Takehara

Third-year intermediate advanced course. Development of skills in reading authentic materials from contemporary Japanese media and fiction and in aural comprehension of contemporary television news and drama with decreased reliance on pedagogical aids. Development of speaking and writing skills to an increasingly sophisticated level. Introduction of approximately 200 additional Chinese characters beyond those introduced in 120b.

Japanese 120b or equivalent.

FAS: Meets Foreign Lang Req: Japanese

HCOL: Foreign Lang Citation: Japanese

FAS Divisional Distribution: None

Course ID: 114292
2025 Fall (4 Credits)

JAPAN 130B

Intermediate Japanese II

MTRF 0900 AM - 1015 AM

Chikako Takehara

Continuation of Japanese 130a. Approximately 200 additional Chinese characters. Third-year intermediate advanced course. Development of skills in reading authentic materials from contemporary Japanese media and fiction and in aural comprehension of contemporary television news and drama with decreased reliance on pedagogical aids. Development of speaking and writing skills to an increasingly sophisticated level.

Japanese 130a or equivalent.

Requires: Prerequisite: Japanese 130A or equivalent.

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: Japanese

FAS: Meets Foreign Lang Req: Japanese

Course ID: 119964
2026 Spring (4 Credits)

JAPAN 130B (002)

Intermediate Japanese II

MTRF 1200 PM - 0115 PM

Chikako Takehara

Continuation of Japanese 130a. Approximately 200 additional Chinese characters. Third-year intermediate advanced course. Development of skills in reading authentic materials from contemporary Japanese media and fiction and in aural comprehension of contemporary television news and drama with decreased reliance on pedagogical aids. Development of speaking and writing skills to an increasingly sophisticated level.

Japanese 130a or equivalent.

Requires: Prerequisite: Japanese 130A or equivalent.

HCOL: Foreign Lang Citation: Japanese

FAS: Meets Foreign Lang Req: Japanese

FAS Divisional Distribution: None

Course ID: 119964
2026 Spring (4 Credits)

JAPAN 140A

Advanced Modern Japanese

Course ID: 113348
2025 Fall (4 Credits)

MWF 0900 AM - 1000 AM

Asako Higurashi

Readings of modern texts in both rapid and in-depth modes. Comprehension of media news and drama. Advanced conversation and composition on topics related to the preceding.

Japanese 130b.

HCOL: Foreign Lang Citation: Japanese

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Japanese

JAPAN 140B

Advanced Modern Japanese

MWF 0900 AM - 1000 AM

Naomi Asakura

Continuation of Japanese 140a. Readings of modern texts in both rapid and in-depth modes. Comprehension of media news and drama. Advanced conversation and composition on topics related to the preceding.

Japanese 140a or equivalent.

Requires: Prerequisite: Japanese 140A or equivalent.

FAS: Meets Foreign Lang Req: Japanese

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Japanese

JAPAN 140B (002)

Advanced Modern Japanese

MWF 1200 PM - 0100 PM

Naomi Asakura

Continuation of Japanese 140a. Readings of modern texts in both rapid and in-depth modes. Comprehension of media news and drama. Advanced conversation and composition on topics related to the preceding.

Japanese 140a or equivalent.

Requires: Prerequisite: Japanese 140A or equivalent.

FAS: Meets Foreign Lang Req: Japanese

HCOL: Foreign Lang Citation: Japanese

FAS Divisional Distribution: Arts and Humanities

JAPAN 150A

Readings and Discussion in Japanese Social Sciences

MW 1030 AM - 1130 AM

Asako Higurashi

Selected readings and discussion in Japanese primarily on contemporary topics in economics, sociology, political science, psychology, and cultural studies, with occasional readings from literature. Readings are supplemented by selections from audiovisual media on current social issues.

Course Note: Conducted in Japanese.

Japanese 140b.

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Japanese

HCOL: Foreign Lang Citation: Japanese

Course ID: 123963
2026 Spring (4 Credits)

Course ID: 123963
2026 Spring (4 Credits)

Course ID: 114117
2025 Fall (4 Credits)

JAPAN 150A (002)

Readings and Discussion in Japanese Social Sciences

MW 1200 PM - 0100 PM

Course ID: 114117

2025 Fall (4 Credits)

Selected readings and discussion in Japanese primarily on contemporary topics in economics, sociology, political science, psychology, and cultural studies, with occasional readings from literature. Readings are supplemented by selections from audiovisual media on current social issues.

Course Note: Conducted in Japanese.

Japanese 140b.

FAS: Meets Foreign Lang Req: Japanese

HCOL: Foreign Lang Citation: Japanese

FAS Divisional Distribution: Arts and Humanities

JAPAN 150B

Readings and Discussion in Japanese Social Sciences

MW 1030 AM - 1130 AM

Naomi Asakura

Continuation of Japanese 150a. Selected readings and discussion in Japanese primarily on contemporary topics in economics, sociology, political science, psychology, and cultural studies, with occasional readings from literature. Readings are supplemented by selections from audiovisual media on current social issues.

Japanese 150a.

FAS: Meets Foreign Lang Req: Japanese

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Japanese

JAPAN 210A

Reading Scholarly Japanese for Students of Chinese and Korean

MWF 1030 AM - 1145 AM

Wesley Jacobsen

Development of skills in reading and translating academic genres of Japanese, with special attention to Japanese scholarship on Chinese and Korean studies. Introduction to old kana usage and classical forms commonly used in scholarly writing.

Japanese 120b, and graduate standing in some field of Chinese or Korean studies.

FAS: Meets Foreign Lang Req: Japanese

FAS Divisional Distribution: Arts and Humanities

JAPAN 300

Reading and Research

No meeting time listed

Ryuichi Abe

Course ID: 114061

2025 Fall (4 Credits)

Instructor Permission Required

JAPAN 300

Reading and Research

No meeting time listed

Ryuichi Abe

Course ID: 114061

2026 Spring (4 Credits)

Instructor Permission Required

JAPAN 300 (002) Reading and Research <i>No meeting time listed</i> <i>Edwin Cranston</i>	Course ID: 114061 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
JAPAN 300 (003) Reading and Research <i>No meeting time listed</i> <i>Shigehisa Kuriyama</i>	Course ID: 114061 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
JAPAN 300 (003) Reading and Research <i>No meeting time listed</i> <i>Shigehisa Kuriyama</i>	Course ID: 114061 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
JAPAN 300 (004) Reading and Research <i>No meeting time listed</i> <i>Melissa M. McCormick</i>	Course ID: 114061 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
JAPAN 300 (004) Reading and Research <i>No meeting time listed</i> <i>Melissa M. McCormick</i>	Course ID: 114061 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
JAPAN 300 (005) Reading and Research <i>No meeting time listed</i> <i>Tomiko Yoda</i>	Course ID: 114061 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
JAPAN 300 (005) Reading and Research <i>No meeting time listed</i> <i>Tomiko Yoda</i>	Course ID: 114061 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
JAPAN 300 (006) Reading and Research <i>No meeting time listed</i> <i>David Howell</i>	Course ID: 114061 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
JAPAN 300 (006) Reading and Research <i>No meeting time listed</i> <i>Wesley Jacobsen</i>	Course ID: 114061 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
JAPAN 300 (007) Reading and Research <i>No meeting time listed</i> <i>Helen Hardacre</i>	Course ID: 114061 2025 Fall (4 Credits) <i>Instructor Permission Required</i>

JAPAN 300 (007)

Reading and Research

No meeting time listed

David Howell

Course ID: 114061

2026 Spring (4 Credits)

Instructor Permission Required

JAPAN 300 (008)

Reading and Research

No meeting time listed

David Atherton

Course ID: 114061

2025 Fall (4 Credits)

Instructor Permission Required

JAPAN 300 (008)

Reading and Research

No meeting time listed

Helen Hardacre

Course ID: 114061

2026 Spring (4 Credits)

Instructor Permission Required

JAPNHIST 260R (01)

Topics in Japanese Cultural History--Toward a History of the Here and Now

F 1200 PM - 0245 PM

Course ID: 120567
2026 Spring (4 Credits)

Shigehisa Kuriyama

The seminar this spring will center on the historical phenomenology of place and time. Specifically, our main concern will be this: How might one study, historically, the experience of the here and now? That the sense of the local "here" and the present "now" has varied over the course of history seems obvious. But in exactly what ways has this sense varied—and why? And most critically: what sorts of sources and interpretive frames might allow us to articulate and understand this variation? Our case studies will draw on a wide range of sources in Japanese cultural history spanning from the late classical period to the digital present. About half of our meetings, however, will be devoted to discussing theoretical writings about the study of place and time. While the greater part of the assigned readings will be in English, participants should also be prepared for some readings in modern Japanese.

Topic for Spring 2026: The Universe of Food.

*Advanced reading knowledge of Japanese with some acquaintance with (or at least concurrent study of) **bungo** and **kambun**.*

FAS: Meets Foreign Lang Req: Japanese

FAS Divisional Distribution: None

Uyghur

UYGHUR A

Elementary Uyghur

MWF 0900 AM - 1015 AM

Gulnar Yulghun

Course ID: 124106
2025 Fall (4 Credits)

Introduction to Uyghur, the Turkic language spoken in China's Xinjiang Uyghur Autonomous Region and throughout Central Asia. This class is for students who have little or no previous knowledge of Uyghur. The course will introduce the basic letters and sounds of the Perso-Arabic based Uyghur script. In addition to the script, the students will gain some fundamental knowledge of the grammar and develop preliminary conversation skills. All four areas of skill: reading, writing, listening and speaking will be emphasized through lectures, drills, and use of media to facilitate basic language acquisition.

FAS: Meets Foreign Lang Req: Uyghur

FAS Divisional Distribution: None

UYGHUR B

Elementary Uyghur

MWF 0130 PM - 0245 PM

Course ID: 124107
2026 Spring (4 Credits)

Continuation of Uyghur A. Completion of basic Uyghur grammar, listening and speaking practice with the aid of audio-visual materials, selected readings from Uyghur literature and academic prose.

FAS: Meets Foreign Lang Req: Uyghur

FAS Divisional Distribution: None

UYGHUR 130B

Pre-advanced Uyghur

MWF 0300 PM - 0415 PM

Gulnar Yulghun

Course ID: 224457
2026 Spring (4 Credits)

The Advance Uyghur (3rd year two semester courses) is a continuation of Uyghur 120B. This course is designed for students who want to gain proficiency in Uyghur in speaking, aural comprehension, reading and writing. Mainly the instructor will be guided readings in advanced Uyghur-language texts. Through reading, students are introduced to more complex grammar and high-level of vocabulary. Each reading text will have a discussion session. Discussions focus on selected short stories and poems. Audiotapes and video-clips of RFA broadcasts are used. In addition, students practice translating from both English into Uyghur and Uyghur to English. The course is conducted entirely in Uyghur.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Uyghur

UYGHUR 300

Readings in Uyghur Language and Literature

MWF 0130 PM - 0245 PM

Gulnar Yulghun

Course ID: 124527
2025 Fall (4 Credits)

Instructor Permission Required

MONGOLN 300

Reading and Research

No meeting time listed

Mark Elliott

Course ID: 110665

2026 Spring (4 Credits)

Instructor Permission Required

Economics

Economics

ECON 10A

Principles of Economics (Microeconomics)

MW 1030 AM - 1145 AM

Jason Furman, David Laibson

Course ID: 113326

2025 Fall (4 Credits)

Economists study human behavior using a combination of models and data. Ec10a introduces students to economic models using intuitive discussions, graphical analysis, and, in some cases, basic algebra. The models study individual decision-making and markets, and range from classical approaches like supply and demand to more recent approaches that consider informational limitations and behavioral mistakes. We will also use data to understand the strengths and weaknesses of these models. The course also discusses the role that ethics and values play in people's choices and in policy discussions, including an understanding and critique of approaches like utilitarianism, Rawlsian principles of justice, and libertarianism. The goal of the course is to provide students with a set of tools that will help them develop answers for themselves on how to make better choices and participate in debates on major public policy issues in areas including tax policy, inequality, discrimination and racial justice, and the environment.

Course Note: Ec10a is the first half of an integrated sequence that continues with the study of macroeconomics in Ec10b. Students may elect to take only the microeconomics course and receive four credits. This sequence is designed with two types of students in mind. For students who will never take another economics course, Ec10a and Ec10b provide a self-contained training to prepare them to understand and engage with economic issues. For students who end up concentrating in economics, Ec10a and Ec10b provide a wide-ranging introduction to the field and are required courses. The Department of Economics strongly encourages students considering concentrating in economics to take these courses during their first year at the College. Ec10a and Ec10b are not duplicative of AP Economics courses but aim to provide a broader perspective and a deeper engagement with public policy and current developments in the field of economics (e.g., behavioral economics). Either Ec10a or Ec10b fulfills the Social Sciences divisional distribution requirement. It is not necessary for students to take both halves of Ec10 to fulfill this divisional requirement.

There is no mathematics background requirement. No calculus is used in the course and the use of algebra is limited. Ec10a is strongly recommended in advance of Ec10b, which covers macroeconomics.

FAS Divisional Distribution: Social Sciences

ECON 10A

Principles of Economics (Microeconomics)

TR 1030 AM - 1145 AM

Anne Le Brun

Course ID: 113326

2026 Spring (4 Credits)

Instructor Permission Required

Economists study human behavior using a combination of models and data. Ec10a introduces students to economic models using intuitive discussions, graphical analysis, and, in some cases, basic algebra. The models study individual decision-making and markets, and range from classical approaches like supply and demand to more recent approaches that consider informational limitations and behavioral mistakes. We will also use data to understand the strengths and weaknesses of these models. The course also discusses the role that ethics and values play in people's choices and in policy discussions, including an understanding and critique of approaches like utilitarianism, Rawlsian principles of justice, and libertarianism. The goal of the course is to provide students with a set of tools that will help them develop answers for themselves on how to make better choices and participate in debates on major public policy issues in areas including tax policy, inequality, discrimination and racial justice, and the environment.

Course Note: Ec10a is the first half of an integrated sequence that continues with the study of macroeconomics in Ec10b. Students may elect to take only the microeconomics course and receive four credits. This sequence is designed with two types of students in mind. For students who will never take another economics course, Ec10a

and Ec10b provide a self-contained training to prepare them to understand and engage with economic issues. For students who end up concentrating in economics, Ec10a and Ec10b provide a wide-ranging introduction to the field and are required courses. The Department of Economics strongly encourages students considering concentrating in economics to take these courses during their first year at the College. Ec10a and Ec10b are not duplicative of AP Economics courses but aim to provide a broader perspective and a deeper engagement with public policy and current developments in the field of economics (e.g., behavioral economics). Either Ec10a or Ec10b fulfills the Social Sciences divisional distribution requirement. It is not necessary for students to take both halves of Ec10 to fulfill this divisional requirement.

There is no mathematics background requirement. No calculus is used in the course and the use of algebra is limited. Ec10a is strongly recommended in advance of Ec10b, which covers macroeconomics.

FAS Divisional Distribution: Social Sciences

ECON 10B

Principles of Economics (Macroeconomics)

TR 0300 PM - 0415 PM

Andrés Maggi

Course ID: 109894
2025 Fall (4 Credits)

Instructor Permission Required

Ec 10b continues the curriculum presented in Ec 10a, moving to the study of macroeconomics including the growth of the overall economy, business cycles, and economic crises. Ec 10b explains what economists do and do not understand about these issues by developing analytical approaches and examining data, including studying the global financial crisis and the economic crisis caused by COVID-19. The course also explains how policy makers can dampen economic fluctuations using monetary policy (i.e., government influence over interest rates and government regulation of banks), fiscal policy (e.g., government control of spending and taxation), and financial rescues in economic crises. We will also discuss how macroeconomic policies work in an international context, including the factors that affect exchange rates, trade deficits, international capital flows, and how these link economies around the world. Like Ec 10a, Ec 10b introduces students to economic models and discusses both how they are supported and how they are contradicted by available data.

Course Note: Ec 10b is the second half of an integrated sequence that begins with the study of microeconomics in Ec 10a. Students may elect to take only the fall microeconomics course and receive four credits. This sequence is designed with two types of students in mind. For students who will never take another economics course, Ec 10a and 10b provide a self-contained training to prepare them to understand and engage with economic issues. For students who end up deciding to be Economics Concentrators, Ec 10a and 10b provide a wide-ranging introduction to the field and are required courses. The Department of Economics strongly encourages students considering concentrating in Economics to take these courses during their first year in the college. Ec 10a and 10b are not duplicative of AP Economics courses but aim to provide a broader perspective and a deeper engagement with public policy. Ec 10a or 10b fulfill the Social Sciences distribution requirement for the General Education program. It is not necessary for students to take both halves of Ec 10 to fulfill this requirement.

There is no mathematics background requirement. No calculus is used in the course and the use of algebra is very limited. Taking Ec 10a which covers microeconomics and is taught in the Fall is strongly encouraged but is not a formal prerequisite.

FAS Divisional Distribution: Social Sciences

ECON 10B

Principles of Economics (Macroeconomics)

MW 1030 AM - 1145 AM

Jason Furman, David Laibson

Course ID: 109894
2026 Spring (4 Credits)

Ec10b continues the curriculum presented in Ec10a, moving to the study of macroeconomics including the growth of the overall economy, business cycles, and economic crises. Ec10b explains what economists do and do not understand about these issues by developing analytical approaches and examining data, including studying the global financial crisis and the economic crisis caused by COVID-19. The course also explains how policy makers can dampen economic fluctuations using monetary policy (i.e., government influence over interest rates and government regulation of banks), fiscal policy (e.g., government control of spending and taxation), and financial rescues in economic crises. We will also discuss how macroeconomic policies work in an international context, including the factors that affect exchange rates, trade deficits, international capital flows, and how these link economies around the world. Like Ec10a, Ec10b introduces students to economic models and discusses both how they are supported and how they are contradicted by available data.

Course Note: Ec10b is the second half of an integrated sequence that begins with the study of microeconomics in Ec10a. Students may elect to take only the fall microeconomics course or only the spring macroeconomics course and receive four credits. This sequence is designed with two types of students in mind. For students who will never take another economics course, Ec10a and Ec10b provide a self-contained training to prepare them to

understand and engage with economic issues. For students who end up deciding to be Economics Concentrators, Ec10a and Ec10b provide a wide-ranging introduction to the field and are required courses. The Department of Economics strongly encourages students considering concentrating in Economics to take these courses during their first year in the College. Ec10a and Ec10b are not duplicative of AP Economics courses but aim to provide a broader perspective and a deeper engagement with public policy. Ec10a or Ec10b fulfills the Social Sciences divisional distribution requirement. It is not necessary for students to take both halves of Ec10 to fulfill this requirement.

There is no mathematics background requirement. No calculus is used in the course and the use of algebra is very limited. Taking Ec 10a which covers microeconomics and is taught in the Fall is strongly encouraged but is not a formal prerequisite.

FAS Divisional Distribution: Social Sciences

ECON 50

Using Big Data to Solve Economic and Social Problems

MW 0130 PM - 0245 PM

Nadarajan Chetty, Gregory Bruich

This course will show how "big data" can be used to understand and address some of the most important social and economic problems of our time. The course will give students an introduction to frontier research and policy applications in economics and social science in a non-technical manner that does not require prior coursework in Economics or Statistics, making it suitable both for students exploring Economics for the first time and more advanced students. Topics include equality of opportunity, education, innovation and entrepreneurship, health care, climate change, and crime. In the context of these topics, the course will also provide an introduction to basic methods in data science, including regression, causal inference, and machine learning. The course will include discussions with leading practitioners who use big data in real-world applications.

Course Note: Formerly Economics 1152 and Economics 50a

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Social Sciences

ECON 70

Personal Finance: Making Better Decisions and Building a Better Financial System

TR 0130 PM - 0245 PM

John Campbell

People face a daunting array of problems in managing their financial lives. Taking out student loans, managing bank accounts and credit cards, financing a home purchase with a mortgage, and saving for retirement are all major challenges. There is evidence that many people lack the skills they need to meet these challenges. This course has three goals. The first objective is to give participants a basic grounding in financial literacy: principles of finance that we can use in our own lives. The second objective is to introduce research on the ways in which households use the financial system, emphasizing common financial mistakes and financial products that seem prone to misuse. We will learn to read papers from the academic economics literature, focusing on the papers' central ideas and empirical findings. The third objective is to explore ways in which the financial system can be improved to make it easier and safer to use. We will discuss the role of financial advisers, technological solutions ("fintech"), and public policy interventions including disclosures, default choices ("nudges"), and regulations restricting access to financial products. The course has no prerequisites.

FAS Divisional Distribution: Social Sciences

ECON 910R

Supervised Reading and Research

No meeting time listed

Gregory Bruich

Supervised reading--by an economics faculty member--leading to a long term paper on a topic or topics not covered by regular courses.

Course Note: Does not count for concentration credit and may not be taken Pass/Fail. Requires signatures of the faculty adviser and an Economics Department Lecturer/Advisor. Application available at the Economics Undergraduate Office at Littauer Center, North Yard.

Course ID: 107827

2025 Fall (4 Credits)

Instructor Permission Required

ECON 910R

Supervised Reading and Research

No meeting time listed

Gregory Bruich

Course ID: 107827
2026 Spring (4 Credits)

Instructor Permission Required

Supervised reading--by an economics faculty member--leading to a long term paper on a topic or topics not covered by regular courses.

Course Note: Does not count for concentration credit and may not be taken Pass/Fail. Requires signatures of the faculty adviser and an Economics Department Lecturer/Advisor. Application available at the Economics Undergraduate Office at Littauer Center, North Yard.

FAS Divisional Distribution: Social Sciences

ECON 970

Tutorial - Sophomore Year

No meeting time listed

Anne Le Brun, Justine Johnson

Topic: The Economics of Digitization

A series of seminars taught in small sections focusing on applications of economic theory to real problems.

Course Note: One term required of all Economics concentrators. Enrollment limited to concentrators. Meets in assigned section.

Ec 1010a OR 1011a AND one of: ECON 20, STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, or MATH 154

Requires: Requisite: (ECON 1010A or ECON 1011A) AND (STAT 100, STAT 102, STAT 104, STAT 109/109a, STAT 110, APMTH 101, MATH 18b/19b, MATH 154, Econ 1123, or Econ 1126)

FAS Divisional Distribution: Social Sciences

ECON 970 (T01)

Tutorial - Sophomore Year

MW 0900 AM - 1015 AM

Patrick Power

Topic: Econ of Presidential Policies

A series of seminars taught in small sections focusing on applications of economic theory to real problems.

Course Note: One term required of all Economics concentrators. Enrollment limited to concentrators. Meets in assigned section.

Ec 1010a OR 1011a AND one of: ECON 20, STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, or MATH 154

Requires: Requisite: (ECON 1010A or ECON 1011A) AND (STAT 100, STAT 102, STAT 104, STAT 109/109a, STAT 110, APMTH 101, MATH 18b/19b, MATH 154, Econ 1123, or Econ 1126)

FAS Divisional Distribution: Social Sciences

ECON 970 (T02)

Tutorial - Sophomore Year

MW 1030 AM - 1145 AM

Patrick Power

Topic: The Economics of Housing

A series of seminars taught in small sections focusing on applications of economic theory to real problems.

Course Note: One term required of all Economics concentrators. Enrollment limited to concentrators. Meets in assigned section.

Ec 1010a OR 1011a AND one of: ECON 20, STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, or MATH 154

Requires: Requisite: (ECON 1010A or ECON 1011A) AND (STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, MATH 154, Econ 1123, or Econ 1126)

FAS Divisional Distribution: Social Sciences

ECON 970 (T03)

Course ID: 122752
2025 Fall (4 Credits)

Tutorial - Sophomore Year

MW 1200 PM - 0115 PM

Magdalena Larreboure

Topic: Political Economy of the Env.

A series of seminars taught in small sections focusing on applications of economic theory to real problems.

Course Note: One term required of all Economics concentrators. Enrollment limited to concentrators. Meets in assigned section.

Ec 1010a OR 1011a AND one of: ECON 20, STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, or MATH 154

Requires: Requisite: (ECON 1010A or ECON 1011A) AND (STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, MATH 154, Econ 1123, or Econ 1126)

FAS Divisional Distribution: Social Sciences

ECON 970 (T04)

Course ID: 122752
2025 Fall (4 Credits)

Tutorial - Sophomore Year

MW 0130 PM - 0245 PM

Laura-Thorne Kincaide

Topic: Inequality and Taxation

A series of seminars taught in small sections focusing on applications of economic theory to real problems.

Course Note: One term required of all Economics concentrators. Enrollment limited to concentrators. Meets in assigned section.

Ec 1010a OR 1011a AND one of: ECON 20, STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, or MATH 154

Requires: Requisite: (ECON 1010A or ECON 1011A) AND (STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, MATH 154, Econ 1123, or Econ 1126)

FAS Divisional Distribution: Social Sciences

ECON 970 (T05)

Course ID: 122752
2025 Fall (4 Credits)

Tutorial - Sophomore Year

MW 0300 PM - 0415 PM

Anne Le Brun

Topic: Economics of Immigration

A series of seminars taught in small sections focusing on applications of economic theory to real problems.

Course Note: One term required of all Economics concentrators. Enrollment limited to concentrators. Meets in assigned section.

Ec 1010a OR 1011a AND one of: ECON 20, STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, or MATH 154

Requires: Requisite: (ECON 1010A or ECON 1011A) AND (STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, MATH 154, Econ 1123, or Econ 1126)

FAS Divisional Distribution: Social Sciences

ECON 970 (T06)

Course ID: 122752
2025 Fall (4 Credits)

Tutorial - Sophomore Year

MW 0300 PM - 0415 PM

Topic: The Economics of Platforms

A series of seminars taught in small sections focusing on applications of economic theory to real problems.

Course Note: One term required of all Economics concentrators. Enrollment limited to concentrators. Meets in assigned section.

Ec 1010a OR 1011a AND one of: ECON 20, STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, or MATH 154

Requires: Requisite: (ECON 1010A or ECON 1011A) AND (STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, MATH 154, Econ 1123, or Econ 1126)

FAS Divisional Distribution: Social Sciences

ECON 970 (T07)

Tutorial - Sophomore Year

MW 0430 PM - 0545 PM

Course ID: 122752

2025 Fall (4 Credits)

Topic: Economics of Women's Health

A series of seminars taught in small sections focusing on applications of economic theory to real problems.

Course Note: One term required of all Economics concentrators. Enrollment limited to concentrators. Meets in assigned section.

Ec 1010a OR 1011a AND one of: ECON 20, STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, or MATH 154

Requires: Requisite: (ECON 1010A or ECON 1011A) AND (STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, MATH 154, Econ 1123, or Econ 1126)

FAS Divisional Distribution: Social Sciences

ECON 970 (T08)

Tutorial - Sophomore Year

MW 0430 PM - 0545 PM

Andrei Kim

Topic: Economics & Politics of Media

A series of seminars taught in small sections focusing on applications of economic theory to real problems.

Course Note: One term required of all Economics concentrators. Enrollment limited to concentrators. Meets in assigned section.

Ec 1010a OR 1011a AND one of: ECON 20, STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, or MATH 154

Requires: Requisite: (ECON 1010A or ECON 1011A) AND (STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, MATH 154, Econ 1123, or Econ 1126)

FAS Divisional Distribution: Social Sciences

ECON 970 (T09)

Tutorial - Sophomore Year

TR 1030 AM - 1145 AM

Nikhil Kumar

Topic: Infrastructure of Developing

A series of seminars taught in small sections focusing on applications of economic theory to real problems.

Course Note: One term required of all Economics concentrators. Enrollment limited to concentrators. Meets in assigned section.

Ec 1010a OR 1011a AND one of: ECON 20, STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, or MATH 154

Requires: Requisite: (ECON 1010A or ECON 1011A) AND (STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, MATH 154, Econ 1123, or Econ 1126)

FAS Divisional Distribution: Social Sciences

ECON 970 (T10)

Tutorial - Sophomore Year

TR 1200 PM - 0115 PM

Course ID: 122752

2025 Fall (4 Credits)

Topic: Economic Design

A series of seminars taught in small sections focusing on applications of economic theory to real problems.

Course Note: One term required of all Economics concentrators. Enrollment limited to concentrators. Meets in assigned section.

Ec 1010a OR 1011a AND one of: ECON 20, STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, or MATH 154

Requires: Requisite: (ECON 1010A or ECON 1011A) AND (STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, MATH 154, Econ 1123, or Econ 1126)

FAS Divisional Distribution: Social Sciences

ECON 970 (T11)

Course ID: 122752

Tutorial - Sophomore Year

2025 Fall (4 Credits)

TR 0300 PM - 0415 PM

Topic: Debates in Labor Economics

A series of seminars taught in small sections focusing on applications of economic theory to real problems.

Course Note: One term required of all Economics concentrators. Enrollment limited to concentrators. Meets in assigned section.

Ec 1010a OR 1011a AND one of: ECON 20, STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, or MATH 154

Requires: Requisite: (ECON 1010A or ECON 1011A) AND (STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, MATH 154, Econ 1123, or Econ 1126)

FAS Divisional Distribution: Social Sciences

ECON 970 (T12)

Course ID: 122752

Tutorial - Sophomore Year

2025 Fall (4 Credits)

TR 0130 PM - 0245 PM

John Felter

Topic: Econ Theory in Practice of Law

A series of seminars taught in small sections focusing on applications of economic theory to real problems.

Course Note: One term required of all Economics concentrators. Enrollment limited to concentrators. Meets in assigned section.

Ec 1010a OR 1011a AND one of: ECON 20, STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, or MATH 154

Requires: Requisite: (ECON 1010A or ECON 1011A) AND (STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, MATH 154, Econ 1123, or Econ 1126)

FAS Divisional Distribution: Social Sciences

ECON 970 (T13)

Course ID: 122752

Tutorial - Sophomore Year

2025 Fall (4 Credits)

TR 0430 PM - 0545 PM

John Felter

Topic: Econ Theory in Practice of Law

A series of seminars taught in small sections focusing on applications of economic theory to real problems.

Course Note: One term required of all Economics concentrators. Enrollment limited to concentrators. Meets in assigned section.

Ec 1010a OR 1011a AND one of: ECON 20, STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, or MATH 154

Requires: Requisite: (ECON 1010A or ECON 1011A) AND (STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, MATH 154, Econ 1123, or Econ 1126)

FAS Divisional Distribution: Social Sciences

ECON 970 (T14)

Course ID: 122752

Tutorial - Sophomore Year

2025 Fall (4 Credits)

TR 0430 PM - 0545 PM

Veysel Ulusoy

Topic: International Econ Policies

A series of seminars taught in small sections focusing on applications of economic theory to real problems.

Course Note: One term required of all Economics concentrators. Enrollment limited to concentrators. Meets in assigned section.

Ec 1010a OR 1011a AND one of: ECON 20, STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, or MATH 154

Requires: Requisite: (ECON 1010A or ECON 1011A) AND (STAT 100, STAT 102, STAT 104, STAT 109/109a, STAT 110, APMTH 101, MATH 18b/19b, MATH 154, Econ 1123, or Econ 1126)

FAS Divisional Distribution: Social Sciences

ECON 970 (T15)

Course ID: 122752
2025 Fall (4 Credits)

Tutorial - Sophomore Year

TR 0730 PM - 0845 PM

Veysel Ulusoy

Topic: International Econ Policies

A series of seminars taught in small sections focusing on applications of economic theory to real problems.

Course Note: One term required of all Economics concentrators. Enrollment limited to concentrators. Meets in assigned section.

Ec 1010a OR 1011a AND one of: ECON 20, STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, or MATH 154

Requires: Requisite: (ECON 1010A or ECON 1011A) AND (STAT 100, STAT 102, STAT 104, STAT 109/109a, STAT 110, APMTH 101, MATH 18b/19b, MATH 154, Econ 1123, or Econ 1126)

FAS Divisional Distribution: Social Sciences

ECON 970 (T16)

Course ID: 122752
2025 Fall (4 Credits)

Tutorial - Sophomore Year

MW 0900 AM - 1015 AM

Cirrus Foroughi

Topic: The Economics of Digitization

A series of seminars taught in small sections focusing on applications of economic theory to real problems.

Course Note: One term required of all Economics concentrators. Enrollment limited to concentrators. Meets in assigned section.

Ec 1010a OR 1011a AND one of: ECON 20, STAT 100, STAT 102, STAT 104, STAT 109/109A, STAT 110, APMTH 101, MATH 18b/19b, or MATH 154

Requires: Requisite: (ECON 1010A or ECON 1011A) AND (STAT 100, STAT 102, STAT 104, STAT 109/109a, STAT 110, APMTH 101, MATH 18b/19b, MATH 154, Econ 1123, or Econ 1126)

FAS Divisional Distribution: Social Sciences

ECON 975A

Course ID: 112836
2025 Fall (4 Credits)

Tutorial - Microeconomics Theory Review

No meeting time listed

Instructor Permission Required

Gregory Bruich

A thorough review of intermediate microeconomics. This is a junior tutorial.

Course Note: Required of and limited to concentrators who received below a B- in Economics 1010a or 1011a.

FAS Divisional Distribution: Social Sciences

ECON 975A

Course ID: 112836
2026 Spring (4 Credits)

Tutorial - Microeconomics Theory Review

No meeting time listed

Instructor Permission Required

Gregory Bruich

A thorough review of intermediate microeconomics. This is a junior tutorial.

Course Note: Required of and limited to concentrators who received below a B- in Economics 1010a or 1011a.

FAS Divisional Distribution: Social Sciences

ECON 975B

Course ID: 156670
2025 Fall (4 Credits)

Tutorial - Macroeconomics Theory Review

No meeting time listed

Instructor Permission Required

Gregory Bruich

A thorough review of intermediate macroeconomics. This is a junior tutorial.

Course Note: Required of and limited to concentrators who received below a B- in Economics 1010b or 1011b.

FAS Divisional Distribution: Social Sciences

ECON 975B

Course ID: 156670
2026 Spring (4 Credits)

Tutorial - Macroeconomics Theory Review

No meeting time listed

Instructor Permission Required

Gregory Bruich

A thorough review of intermediate macroeconomics. This is a junior tutorial.

Course Note: Required of and limited to concentrators who received below a B- in Economics 1010b or 1011b.

FAS Divisional Distribution: Social Sciences

ECON 980DD

Course ID: 203556
2025 Fall (4 Credits)

The Past, Present and Future of Globalization

W 0945 AM - 1145 AM

Instructor Permission Required

Pol Antras

This course will overview recent trends in the world income distribution and will discuss economic research aimed at understanding the role of globalization (trade integration, multinational activity, etc) in shaping these trends. The course will also overview a recent body of work seeking to understand how geopolitical forces shapes the global economy. The course will focus on analytical and statistical methods and therefore requires knowledge of calculus and econometrics. We will use microeconomic tools extensively, and thus having taken Economics 1010a or 1011a is a pre-requisite for the course. I would also recommend having taken Economics 1535 (International Trade and Investment), but it is not a formal pre-requisite of the course.

FAS Divisional Distribution: Social Sciences

ECON 980MM

Course ID: 212568
2026 Spring (4 Credits)

Field Experiments

R 0300 PM - 0500 PM

Instructor Permission Required

Amanda Pallais

Field experiments (experiments that take place in real-world settings) are increasingly being used to analyze public policies, make business decisions, and test theories. This class will dive into how to design a field experiment and will use experiments to learn about the research process more generally. We will discuss some of the most exciting recent experimental research as well as how to frame a question so that the research informs policy, when to trust research discussed in the popular press, and how to interpret and apply results to improve decision-making.

FAS Divisional Distribution: Social Sciences

ECON 980W

Course ID: 107675
2026 Spring (4 Credits)

Economic Aspects of Health Policy

Ariel Pakes

The course will focus on policy options in health care. We will read papers on the impacts of moral hazard and adverse selection in health care markets and how they interact with various policies (co-pays, co-insurance, capitation vs fee for service payments, ...). We will consider the impact of horizontal mergers both among health care providers and among insurance companies, as well as vertical mergers between providers and insurers. We will also look at pharmaceutical research and development and the distribution of costs and benefits from that. Students will lead the discussion on the various readings. techniques will be taught during the course). This is a Junior Tutorial.

Course Note: This course requires special action- application or lottery- to enroll. Visit economics.harvard.edu/page/junior-seminar-0 and the course canvas site for more information.

Ec 1010a and 1010b (or 1011a and 1011b), one of stats 100, 104 or 110, and Ec 1123 or 1126 (or concurrent enrollment in 1123 or 1126).

FAS Divisional Distribution: Social Sciences

ECON 985A

Course ID: 120541

Econ 985: Senior Thesis Research

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required*

Part one of a two part series. The curriculum for this course builds throughout the academic year. Students must to complete both terms of this course (parts A and B) within the same academic year in order to receive credit. Workshop for seniors writing economics theses, taught in classes of approximately 12 students each. Emphasis on choice of research topics, methodology, and writing. Students are required to complete written and oral presentations of their work in progress. Part one of a two-part series; students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit. This seminar is required for economics concentrators writing senior theses. Thesis writers in other concentrations writing on economics topics may take the seminar, space-permitting.

Full Year Course: Indivisible Course

FAS Divisional Distribution: None

ECON 985B

Course ID: 148273

Econ 985: Senior Thesis Research

2026 Spring (4 Credits)

*No meeting time listed**Instructor Permission Required*

Kiran Gajwani

Workshop for seniors writing economics theses, taught in classes of approximately 12 students each. Emphasis on choice of research topics, methodology, and writing. Students are required to complete written and oral presentations of their work in progress. Part one of a two-part series; students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit. This seminar is required for economics concentrators writing senior theses. Thesis writers in other concentrations writing on economics topics may take the seminar, space-permitting.

Requires: Pre-requisite: ECON 985A

FAS Divisional Distribution: Social Sciences

Full Year Course: Indivisible Course

ECON 990A

Course ID: 121184

Tutorial - Senior Year

2026 Spring (4 Credits)

*No meeting time listed**Instructor Permission Required*

Thomas Baranga

For students writing a senior thesis out of sequence. Part one of a two part series.

Course Note: Students who are writing a senior thesis out of sequence (i.e., beginning in the spring) must enroll in Economics 990 in the spring and complete the course in the fall. Students must write a 25-page paper at the end of the first term of Economics 990. Students currently enrolled in Economics 985 may not enroll in Economics 990.

Full Year Course: Divisible Course
FAS Divisional Distribution: Social Sciences

ECON 990B

Course ID: 159994
2026 Spring (4 Credits)

Tutorial - Senior Year

No meeting time listed

Instructor Permission Required

Thomas Baranga

For students writing a senior thesis out of sequence. Part two of a two part series.

Course Note: Tutorial for students writing an economics senior thesis, who began their senior thesis in a Spring semester and took a leave of absence the following Fall semester. Students who began their senior thesis in a Fall semester should enroll in Econ 985B.

Full Year Course: Divisible Course
FAS Divisional Distribution: Social Sciences

ECON 990B

Course ID: 159994
2025 Fall (4 Credits)

Tutorial - Senior Year

R 0300 PM - 0415 PM

Instructor Permission Required

Thomas Baranga

For students writing a senior thesis out of sequence. Part two of a two part series.

Course Note: Tutorial for students writing a senior thesis, who began their senior thesis in Spring 2023. Students graduating in Spring 2024 who wish to begin their senior thesis this semester should enroll in Econ 985A.

Full Year Course: Divisible Course
FAS Divisional Distribution: Social Sciences

ECON 1005

Course ID: 224343
2026 Spring (4 Credits)

Economic Growth and the Social Issues of Our Time

MW 1030 AM - 1145 AM

Instructor Permission Required

Benjamin Friedman

Economic improvement is more than just a matter of economics. The course explores where economic growth comes from, how it matters in material ways and what indirect consequences – some positive, others negative – it brings for citizens individually and for society. The course also examines the role of education, both in enhancing an economy's growth potential and in either mitigating or exacerbating social inequalities. Approaches taken are mostly economic but also historical and philosophical.

Economics 10 is required in order to take this course.

FAS Divisional Distribution: Social Sciences

ECON 1010A

Course ID: 108901
2025 Fall (4 Credits)

Intermediate Microeconomics

MWF 1030 AM - 1145 AM

Maxim Boycko

The course introduces core microeconomic models of consumers, firms, and markets, and develops their application to a broad range of economic and social issues in the real world.

Course Note: Students that have Equivalent Math Placement scores may enroll with instructor consent.

Simultaneous enrollment is not permitted for this course.

Requires: Math 1a or Math 1b or (Math Ma and Math Mb) or (Math Qa and Math Qb) or Math 18a/21a/22b/23/25/55 or AM21a/22b or equivalent AP Scores (5 in AP AB calc or a 5 in AP BC calc)

FAS Divisional Distribution: Social Sciences

ECON 1010A

Intermediate Microeconomics

TR 1030 AM - 1145 AM

Marc Melitz

The course introduces core microeconomic models of consumers, firms, and markets, and develops their application to a broad range of economic and social issues in the real world.

Course Note: Students that have Equivalent Math Placement scores may enroll with instructor consent.

Simultaneous enrollment is not permitted for this course.

Requires: Math 1a or Math 1b or (Math Ma and Math Mb) or (Math Qa and Math Qb) or Math 18a/21a/22b/23/25/55 or AM21a/22b or equivalent AP Scores (5 in AP AB calc or a 5 in AP BC calc)

FAS Divisional Distribution: Social Sciences

ECON 1010B

Intermediate Macroeconomics

MW 1030 AM - 1145 AM

Thomas Baranga

Theories and evidence on economic growth and fluctuations. Determination of gross domestic product, investment, consumption, employment, and unemployment. Analysis of interest rates, wage rates, and inflation. Roles of fiscal and monetary policies.

Course Note: Students may only take one of Economics 1010b or Economics 1011b for concentration credit.

Economics 10a and 10b, or equivalents, or permission of the instructor. While no specific mathematics course is required, knowledge of calculus at the level of Mathematics 1a is assumed.

FAS Divisional Distribution: Social Sciences

ECON 1010B

Intermediate Macroeconomics

MWF 0900 AM - 1015 AM

Christopher Foote

Theories and evidence on economic growth and fluctuations. Determination of gross domestic product, investment, consumption, employment, and unemployment. Analysis of interest rates, wage rates, and inflation. Roles of fiscal and monetary policies.

Course Note: Students may only take one of Economics 1010b or Economics 1011b for concentration credit.

Economics 10a and 10b, or equivalents, or permission of the instructor. While no specific mathematics course is required, knowledge of calculus at the level of Mathematics 1a is assumed.

FAS Divisional Distribution: Social Sciences

ECON 1011A

Intermediate Microeconomics: Advanced

TR 1200 PM - 0115 PM

Edward Glaeser

Economics 1011a is similar to Economics 1010a, but more mathematical and covers more material. The course teaches the basic tools of economics and to apply them to a wide range of human behavior. Prerequisites for this course include Mathematics 21a or permission of the instructor.

Course Note: Students may only take one of Economics 1010a or Economics 1011a for concentration credit.

Mathematics 21a or permission of the instructor.

FAS Divisional Distribution: Social Sciences

Course ID: 108901

2026 Spring (4 Credits)

Course ID: 112062

2025 Fall (4 Credits)

Course ID: 112062

2026 Spring (4 Credits)

Course ID: 120711

2025 Fall (4 Credits)

ECON 1011B

Intermediate Macroeconomics: Advanced

TR 1030 AM - 1145 AM

Gabriel Chodorow-Reich, Ludwig Straub

The same topics as in 1010b, but with a more mathematical approach. Prerequisites for this class include Economics 1011a or 1010a and Mathematics 21a, or permission of the instructor.

Course Note: Students may only take one of Economics 1010b or Economics 1011b for concentration credit.

Economics 1011a or 1010a and Mathematics 21a, or permission of the instructor.

FAS Divisional Distribution: Social Sciences

ECON 1015

Black Genius

M 1200 PM - 0245 PM

Roland Fryer

Examines the life and work of African-American geniuses – both historic and contemporary – in social justice, academics, the arts, and education with a particular focus on how their life and work affects economic thought and our understanding of human behavior. Profiles include: W.E.B. Dubois, Ida B. Wells, David Blackwell, Martin Luther King, Geoffrey Canada, Mary McCleod Bethune, and more. The economic topics that are highlighted include the economics of slavery, identity and social interactions, integration, health, education, and labor markets.

Ec 10A or equivalent.

FAS Divisional Distribution: Social Sciences

ECON 1017

A Libertarian Perspective on Economic and Social Policy

MW 0130 PM - 0245 PM

Jeffrey A. Miron

Analyses the libertarian perspective on economic and social policy. This perspective differs from both liberal and conservative views, arguing for minimal government in most arenas. Policies addressed include drug prohibition, gun control, public education, abortion rights, gay marriage, income redistribution, and campaign finance regulation.

Ec 10a and Ec 10b.

FAS Divisional Distribution: Social Sciences

ECON 1021

Using Markets to Solve Social Problems

M 0300 PM - 0545 PM

Roland Fryer

This course will demonstrate how one can use the power of the free market to address some of the most vexing social and economic problems of our time, with a particular emphasis on issues that plague minority communities and women. The course will give students an introduction to social finance and impact investing in a manner that does not require prior coursework in Economics. It is intended not only for those interested in finance or social justice, but also for students with a disruptor spirit. Students will study situations in which market-based approaches were used to solve problems in areas such as education, discrimination, economic mobility, crime, healthcare, food instability, and the future of work. In the context of these topics, the course will provide an introduction to basic principles in finance and for-profit enterprises, venture capital, and other alternative investment strategies. The course will include discussions with leading investors and entrepreneurs who are determined to have positive social impact and culminates in a team-based capstone project in which you build your own startup to take on an important social issue and demonstrate its commercial viability.

FAS Divisional Distribution: Social Sciences

Course ID: 120172
2026 Spring (4 Credits)

Course ID: 207170
2026 Spring (4 Credits)

Instructor Permission Required

Course ID: 119951
2025 Fall (4 Credits)

Course ID: 218817
2026 Spring (4 Credits)

ECON 1042

Sports Economics

TR 0130 PM - 0245 PM

Judd Cramer

Course ID: 211392
2026 Spring (4 Credits)

This course will apply economic principles from game theory, labor economics, and econometrics to analyze a wide range of issues primarily in the realm of professional sports and collegiate athletics rigorously with a focus on causality. Topics include: the hot hand; expansion and rival leagues; franchise relocation and venue construction; revenues from merchandising, broadcast rights and their distribution; free agency, arbitration, and salary caps; player development through amateur drafts and minor leagues; NCAA rules on scholarships and eligibility; in-game strategy; and financial aspects of collegiate athletic programs. Class discussion, problem sets, and an exam will form the bulk of the course requirements. Readings will draw upon a variety of sources, including Andrew Zimbalist's *Baseball and Billions*, Robert Frank and Phil Cook's *The Winner-Take-All Society*, and newspaper, magazine and academic journal articles.

Econ 1010a, Stat 104, Concurrent Enrollment in econometrics (Previous completion recommended)

FAS Divisional Distribution: Social Sciences

ECON 1050

Strategy, Conflict, and Cooperation

TR 0300 PM - 0415 PM

Robert Neugeboren

Course ID: 123893
2026 Spring (4 Credits)

Game theory is the study of interdependent decision-making. In the early days of the cold war, game theory was used to analyze an emerging nuclear arms race; today, it has applications in economics, psychology, politics, the law and other fields. In this course, we will explore the "strategic way of thinking" as developed by game theorists over the past sixty years. Special attention will be paid to the move from zero-sum to nonzero-sum game theory. Students will learn the basic solution concepts of game theory -- including minimax and Nash equilibrium -- by playing and analyzing games in class, and then we will take up some game-theoretic applications in negotiation settings: the strategic use of threats, bluffs and promises. We will also study the repeated prisoner's dilemma and investigate how cooperative behavior may emerge in a population of rational egoists. This problematic -- "the evolution of cooperation" -- extends from economics and political science to biology and artificial intelligence, and it presents a host of interesting challenges for both theoretical and applied research. Finally, we will consider the changing context for the development of game theory today, in particular, the need to achieve international cooperation on economic and environmental issues. The course has two main objective: to introduce students to the fundamental problems and solution concepts of noncooperative game theory; and to provide an historical perspective on its development, from the analysis of military conflicts to contemporary applications in economics and other fields. No special mathematical preparation is required.

Economics 10a and Math 1a

FAS Divisional Distribution: Social Sciences

ECON 1052

Game Theory and Economic Applications

TR 0130 PM - 0245 PM

Shengwu Li

Course ID: 111817
2025 Fall (4 Credits)

Game theory is a mathematical method for analyzing strategic situations. It deals with situations in which multiple people must make interdependent decisions, such as chess, poker, bargaining, oligopoly pricing, and warfare. Topics include strategic-form and extensive-form games, rationalizability, Nash equilibrium, and subgame-perfect equilibrium. We will study applications such as long-term cooperation, auctions, mechanism design, and division of treasure between pirates.

Course Note: Students may not take both Economics 1051 and Economics 1052 for credit.

The only formal prerequisite for this course is Mathematics 21a. Students should have a strong grasp of calculus, basic probability theory, and some exposure to proofs. No prior knowledge of game theory is necessary.

FAS Divisional Distribution: Social Sciences

ECON 1057

Game Theory with Applications to Social Behavior

TR 0900 AM - 1015 AM

Erez Yoeli, Moshe Hoffman

Course ID: 203555
2025 Fall (4 Credits)

Instructor Permission Required

Game theory is the formal toolkit for analyzing situations in which payoffs depend not only on your actions (say, which TV series you watch), but also others' (whether your friends are watching the same show). You've probably already heard of some famous games, like the prisoners' dilemma and the costly signaling game. We'll teach you to solve games like these, and more, using tools like Nash equilibrium, subgame perfection, Bayesian Nash equilibrium, and the one-shot deviation principle. Game theory has traditionally been applied to understand the behavior of highly deliberate agents, like heads of state, firms in an oligopoly, or participants in an auction. However, we'll apply game theory to social behavior typically considered the realm of psychologists and philosophers, such as why we speak indirectly, in what sense beauty is socially constructed, and where our moral intuitions come from. Each week, students are expected to complete a problem set, to read 2-3 academic papers, and to complete a 1-2 page response to short essay questions ('prompts') on these readings. All assignments can be completed in groups of two. Tutorials are not required but are highly recommended for students without a substantial background, especially in math. There will also be a final exam.

Math 18a or Math 21a or Applied Math 21a or talk to instructor

FAS Divisional Distribution: Social Sciences

ECON 1088

Finance for Inclusive Growth

MW 0130 PM - 0245 PM

Emily Breza

Course ID: 213522
2025 Fall (4 Credits)

Over the past decade, access to financial services has expanded by 50%, yet a quarter of adults globally still do not have access to a formal financial account. Why has it been so challenging to reach this population? What financial product innovations have worked for banking poor customers? How do the underbanked make do without access to the formal financial market? What opportunities and challenges are presented by the global rise of digital payments and fintech? This course investigates the functioning of the financial market for low-income populations, with a focus on developing countries. Example topics include: 1) the link between financial market development and economic growth; 2) financial literacy and consumer protection; 3) savings and credit; 4) mobile banking and digital payments; 5) fintec. The course will cover relevant economic principles, business case studies, product design experiments, and research papers.

Pre-requisites: Econ 10A, Stat 100, 104, 110 or equivalent

FAS Divisional Distribution: Social Sciences

ECON 1123

Introduction to Econometrics

MW 0900 AM - 1015 AM

Davide Pettenuzzo

Course ID: 123033
2025 Fall (4 Credits)

An introduction to multiple regression techniques with focus on economic applications. Discusses extensions to discrete response, panel data, and time series models, as well as issues such as omitted variables, missing data, sample selection, randomized and quasi-experiments, and instrumental variables. Also develops the ability to apply econometric and statistical methods using computer packages.

Course Note: Students may take both Economics 1123 and Statistics 139 for credit. However, Statistics 139 will not count as the econometrics requirement for the economics concentration. Only one course can count towards EC credit; either Economics 1123 or Economics 1126. Both courses can count towards college credit regardless of the order they are taken.

One prior course in statistics or probability theory, such as Statistics 104, Statistics 100, Statistics 110, or equivalent

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Social Sciences

Introduction to Econometrics

TR 0300 PM - 0415 PM

Gregory Bruich

An introduction to multiple regression techniques with focus on economic applications. Discusses extensions to discrete response, panel data, and time series models, as well as issues such as omitted variables, missing data, sample selection, randomized and quasi-experiments, and instrumental variables. Also develops the ability to apply econometric and statistical methods using computer packages.

Course Note: Students may take both Economics 1123 and Statistics 139 for credit. However, Statistics 139 will not count as the econometrics requirement for the economics concentration. Only one course can count towards EC credit; either Economics 1123 or Economics 1126. Both courses can count towards college credit regardless of the order they are taken.

One prior course in statistics or probability theory, such as Statistics 104, Statistics 100, Statistics 110, or equivalent

FAS Divisional Distribution: Social Sciences

Quantitative Reasoning with Data: Yes

ECON 1126Course ID: 113637
2026 Spring (4 Credits)**Quantitative Methods in Economics**

TR 1200 PM - 0115 PM

Davide Viviano

Topics include conditional expectations and its linear approximation; best linear predictors; omitted variable bias; panel data methods and the role of unobserved heterogeneity; instrumental variables and the role of randomization; various approaches to inference on causal relations.

Course Note: Only one course can count towards EC credit; either Economics 1123 or Economics 1126. Both courses can count towards college credit regardless of the order they are taken.

Students who fulfill the econometrics requirement with Economics 1126 and who intend to pursue Honors should note that the Honors exam assumes knowledge of the material covered in Economics 1123.

Math 18, 21a, Applied Math 21a.

Students must have taken a basic course in probability and/or statistics and a course in multivariable calculus. Multivariable calculus and basic concepts in probability will be needed extensively. Having taken a class in linear algebra is strongly recommended but not required, as some linear algebra will be used during the course.

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Social Sciences

ECON 1133Course ID: 219753
2026 Spring (4 Credits)**Authoritarian Superpower: The Political Economy of Modern China***No meeting time listed*

David Yang

The rise of China is undoubtedly one of the great dramas of the 21st century. This course provides an overview of China's economy and its politics, as well as China's relationship with the world. We aim to understand modern China with an appreciation of China's past and its connection to other parts of the globe. The course offers insights on a number of puzzles of a rising authoritarian superpower, and overturns several conventional wisdoms in political economy. In the course, you will learn about topics such as: (1) What drives China's economic development? What explains its rise? (2) What are the key forces of stability and forces of change in modern China? (3) How does China engage with the world, and what are the implications of China's rise for the world? The objectives of the course are three-fold: (1) to learn about important institutional and contextual knowledge of China; (2) to use China as a lens to understand authoritarian regimes, as well as basic political economy frameworks that are more generally applicable; and (3) to learn about empirical methods through exposure to big data on China, frontier academic research, and occasionally case-study style discussions.

FAS Divisional Distribution: Social Sciences

Economics of Mental Health and Homelessness

M 0345 PM - 0545 PM

Matthew Basilio

How does society influence mental health? How does mental health influence the economy? How do economic theory and econometrics illuminate, and obfuscate, the challenges of mental illness? Mental health has quickly become one of the most important topics in global policymaking. Yet the links between influential fields of social science – especially economics – and behavioral medicine remain underdeveloped. This course will first explore the frontier of concepts in psychopathology, including perspectives from rational choice theory which are both limiting and illuminating in the ongoing quest to characterize mental health and mental illness. The course will then turn to the social and economic drivers of mental health. From deaths of despair and the U.S. opioid epidemic, conspicuous consumption and income-wellbeing relationship, social media and American teen distress, and our general state of misery despite unprecedented material affluence, this course will systematically investigate the influences of society on mental health. Unlike most courses on mental health in other departments or medical schools, the syllabus will uncover unique empirical insights produced by the field of economics, and review in detail the econometric techniques used in these studies. Third, we will turn to the influences of mental health on society. We will consider extreme outcomes in housing markets such as homelessness and its relationship to severe mental illness. We examine classical approaches in economics to the housing market and homelessness, including new insights from behavioral health and transnational perspectives. Finally, we will turn to the roll of interventions. From pharmacotherapy, new interventional techniques (ECT, rTMS, ketamine), therapy, nutrition, and health system organization, ACT teams, supportive housing, we will consider potential and limitations in current societal responses to mental illness, using cross-national comparisons to illuminate the important differences in outcomes. We end with a consideration of the goals of economic policy, and examine how a focus on enhancing human mental wellbeing may offer unique opportunities in climate change and growth policy.

Course Prerequisites: Introductory Micro (Ec 10a), Statistics (Stat 100/104/110 or equivalent) and Calculus (Math 1a or equivalent) are prerequisites for the class, or permission of the instructor.

Requires: Introductory Micro (Ec 10a), Statistics (Stat 100/104/110 or equivalent) and Calculus (Math 19a, 21a or equivalent)

FAS Divisional Distribution: Social Sciences

The History of Economic Growth

This course examines the history of economic growth, beginning with the divergence between human ancestors and other primates and continuing through the end of the 20th century. Topics covered include the Neolithic Revolution; economic growth in ancient societies; the origins of modern economic growth; theories and evidence about the institutional, geographic, and cultural determinants of growth; the East Asian Miracle; the middle income trap; the political economy of growth; growth and inequality; and theories and evidence about the persistence of poverty in the world's poorest regions. Prerequisite: Economics 1010a (1011a)

FAS Divisional Distribution: Social Sciences

The Economics of Development and Global Health

M 0645 PM - 0845 PM

Matthew Basilio

Why are some places poorer than others? Why do some places have better health than others? In this class, we will harness the core development and health economics literature to approach some of the most fundamental questions facing humanity today. We will review the historical determinants of our present-day puzzles, including critical relationships between economic development and health. We will consider challenges affecting health and development including political institutions, micro development, environmental change, and psychological wellbeing. Methodologically, the course will review canonical approaches in applied econometrics, and will cover theories in development, macro-growth, and health. It will also consider perspectives on our core questions from neighboring disciplines, including social theory, anthropology and psychology.

Course Note: A research paper option is available for this class which can be used to fulfill the writing requirement for Economics concentrators.

Economics 10a and 10b, familiarity with introductory statistics (e.g. Stat 100, 104 or 110), and calculus are recommended but not required.

FAS Divisional Distribution: Social Sciences

ECON 1346

Course ID: 220386
2025 Fall (4 Credits)

Closed Borders and Crowded Buses: The Economics of Human Mobility

TR 1030 AM - 1145 AM

Gabriel Kreindler

Movement is inextricably linked to economic activity. In this course, we study the fundamental forces that enable and constrain spatial movement and how this affects economic outcomes. We study international and regional migration, residential patterns, commuting, inequality in access to mobility. We draw on recent rigorous evidence from around the world, with a focus on rapidly growing urban areas in developing countries. Students gain hands-on experience with modern "big" mobility data sources, and workhorse analytical models to study spatial choices.

Economics 1010a or 1011a and familiarity with econometrics (at a level of economics 1123 or 1126) or permission of the instructors.

FAS Divisional Distribution: Social Sciences

ECON 1410

Course ID: 117818
2025 Fall (4 Credits)

Public Economics: Designing Government Policy

R 0900 AM - 1145 AM

Stan Veuger

This course analyzes what role the government plays and should play in a market economy. It covers topics such as tax policy, health care policy, retirement policy, environmental protection, and state and local policy. The course emphasizes recent empirical research on policy issues and teaches students how to conduct such studies. Much of the material we will cover relates directly to ongoing policy debates. After an introduction to some of the key theoretical concepts and empirical methods in public economics, we will consider how the public sector in the United States (and in advanced, democratic economies more generally) is organized. We will look at how it raises revenue; what it allocates resources to; and how it uses regulations to shape economic activity. We conclude by analyzing how to deploy these policy instruments—taxation, spending, and regulation—in three specific areas: climate policy, trade policy, and income redistribution.

Course Note: Offered jointly with Kennedy School as SUP-125.

Familiarity with intermediate microeconomics, multivariate calculus, and econometrics (at the level of economics 1123 or 1126) is strongly recommended.

FAS Divisional Distribution: Social Sciences

ECON 1415

Course ID: 107613
2025 Fall (4 Credits)

Analytic Frameworks for Policy

TR 1030 AM - 1145 AM

Instructor Permission Required

Richard Zeckhauser

This course develops abilities in using analytic frameworks in the formulation and assessment of public policies. It considers a variety of analytic techniques, particularly those directed toward uncertainty and interactive decision problems. It emphasizes the application of techniques to policy analysis, not formal derivations. Students encounter case studies, methodological readings, modeling of current events, the computer, a final exam, and challenging problem sets.

Course Note: Jointly offered with the Kennedy School as API-302.

Economics 1011a or permission of instructor.

FAS Divisional Distribution: Social Sciences

ECON 1420

Course ID: 123003
2025 Fall (4 Credits)

American Economic Policy

TR 1200 PM - 0115 PM

Lawrence H. Summers, Jeffrey Liebman

Analyzes major issues in American economic policy including taxation, Social Security, health care reform, budget policy, monetary and fiscal policy, and exchange rate management. Current economic issues and policy options discussed

Course Note: Offered jointly with the Kennedy School as API-126. This course offers an optional writing requirement which if completed will satisfy the concentration writing requirement.

ECON 10A and 10B

FAS Divisional Distribution: Social Sciences

ECON 1425

Course ID: 125716
2026 Spring (4 Credits)

Political Economics

R 1200 PM - 0245 PM

Instructor Permission Required

Andrei Shleifer

Discusses several research areas in political economy, including the origins of the state, comparative political systems, culture, mobility, democracy, ethnicity, corruption, rule of law, and regulation. The main purpose of this course is for each student to write a serious empirical paper, preferably with new data, in the field of political economics. The course relies on frequent (approximately 5 times over the semester) office hour meetings with the instructor, as well as meetings with the TF. To enable such frequent interactions, the course is limited to 18 students.

Course Note: A research paper is required. This course meets the concentration writing requirement.

Economics 1010a1, 1010a2, or 1011a.

FAS Divisional Distribution: Social Sciences

ECON 1432

Course ID: 127519
2025 Fall (4 Credits)

Economics of European Integrations

TR 0900 AM - 1015 AM

Instructor Permission Required

Hans-Helmut Kotz

The aim of the course is to give students familiarity with a broad range of European policy issues: integration of markets (for goods, services, and labor), monetary union (ECB) and its consequences for fiscal policy, financial sector regulation as well as supervision. It is offered for students who would like to employ the tools they have learned in principles of economics and introductory micro and macro courses on real world cases. This implies to write and present a paper (mandatory writing requirement).

Course Note: Writing requirement: A research paper is required. This course meets the concentration writing requirement.

Ec 10a and Ec 10b.

FAS Divisional Distribution: Social Sciences

ECON 1445

Course ID: 226387
2025 Fall (4 Credits)

Political Economy and Economic Development

MW 1030 AM - 1145 AM

Augustin Bergeron

In this class, we will study some of the key theoretical ideas for how politics affect economic development. We will also look at various empirical examples drawn from the developing world. Topics include the historical determinants of development, conflict, voting, media, the political economy of social protection, the political economy of taxation, and corruption. By the end of the course, students are expected to (1) have acquired a foundation for thinking critically about the role of political economy in understanding economic development; (2) demonstrate an understanding of the core theoretical concepts in political economy, and be able to support them with illustrations from developing countries; (3) understand empirical evidence in economics, including what makes a good empirical study and what empirical techniques can be used to understand the world better.

Course Note: Students who are currently taking one or both of the pre-requisite classes and are interested in

enrolling should contact Professor Bergeron before registering.

Requires: Pre-requisite: (ECON 1010A or ECON 1011A) AND (ECON 1123 or ECON 1126)

FAS Divisional Distribution: Social Sciences

ECON 1499

Macroeconomic Stabilization Policies

R 0300 PM - 0500 PM

Paul Tucker, Lawrence H. Summers

Course ID: 217408

2025 Fall (4 Credits)

Instructor Permission Required

With real interest rates negative for nearly a decade and nominal interest rates close to zero, and fiscal deficits and debt-to-GDP ratios at unprecedented levels, we are in a new era for macroeconomic policy making. This seminar course will focus on macroeconomic policy issues posed by secularly low real interest rates (secular stagnation?), COVID-19, and government debt accumulation. The focus will be on the application of rigorous macroeconomic analysis to policymaking. The objective of the class is to expose students to the kind of thinking and work done by practicing macroeconomists. The centerpiece of the class will be student research papers, 25- to 30-pages, on macroeconomic topics, developing, applying, or testing relevant economic theory. Students will work closely with one of the course instructors and an economics PhD student on their papers. During seminar meetings, students will present and lead discussions of major recent research papers, and present their ongoing work. Examples of topic areas for papers might include: The role of risk premiums vs. savings-investment gaps in explaining interest rate fluctuations; the influence of social insurance on aggregate demand; Ricardian equivalence and the impact of fiscal policy in raising long run demand; the implications of low rates for target returns on institutional portfolios, financial stability, and creative destruction; saving gluts and current account surpluses; the risks of destabilizing deflation; and lessons from the Japanese experience.

FAS Divisional Distribution: Social Sciences

ECON 1535

The Global Economy

MW 0130 PM - 0245 PM

Pol Antras

Course ID: 111749

2025 Fall (4 Credits)

A wave of protectionism has rocked the world economy in recent years. In the United States, the Trump administration abandoned the country's traditional position as a defender of international trade, viewing global trade as a "zero-sum" game in which only some countries benefit at the expense of others. In the UK, the consequences of voting for Brexit are not yet entirely clear, but free access to the European market that guaranteed membership of the European Union is no longer possible. Contemporaneously, there has been an active debate on the extent to which geopolitical tensions (such as the increasing tensions between Russia and the West) and technological change (automation, 3D-printing, etc) might work to reduce the level of trade integration across countries. What would be the economic consequences of the increase in protectionism and of technologically driven "de-globalization" around the world? The purpose of this course is to review in an accessible and concise manner the causes and consequences of globalization and of (potential) "de-globalization" episodes. In the first lectures, the concept of "globalization" will be defined and an overview of the benefits and costs associated with trade integration will be offered. The course will highlight the role of firms, and of multinational firms more specifically, in shaping global production and consumption patterns. A few lectures will be devoted to the economics and politics of trade policy.

Economics 1010a, or 1011a.

FAS Divisional Distribution: Social Sciences

ECON 1545

International Financial and Macroeconomic Policy

MW 1030 AM - 1145 AM

Kenneth Rogoff

Course ID: 111477

2025 Fall (4 Credits)

Instructor Permission Required

Advanced theoretical and empirical analysis of contemporary international macroeconomic policy issues in both industrialized and developing economies. Topics include exchange rates, interest rates, international capital flows, debt crises, growth, and policy coordination.

Ec 1011b strongly recommended; otherwise, instructor consent is needed to take this course.

Requires: Prerequisite: Econ 1010b OR Econ 1011b

ECON 1640

Industrial Organization: Theory and Applications

T 1200 PM - 0245 PM

Robin Lee

Course ID: 116133

2025 Fall (4 Credits)

Instructor Permission Required

Theoretical and empirical analysis of contemporary topics in industrial organization. Topics may include the determinants of market structure and equilibrium; price competition; collusion, horizontal and vertical relationships and mergers (with applications to antitrust policy); innovation and intellectual property rights; network externalities and platform (two-sided) markets; and issues in auctions and market design. Prerequisite: Ec1010a or 1011a

Economics 1010a1, 1010a2, or 1011a.

FAS Divisional Distribution: Social Sciences

ECON 1644

Market Power in the New Economy

MW 1200 PM - 0115 PM

Myrto Kalouptsi

Course ID: 217793

2026 Spring (4 Credits)

This course studies firms, markets and competition, in the context of today's (globalized) world. Nowadays, in the majority of markets, a handful of firms interact strategically and compete in numerous dimensions, including prices, products offered, advertising and investment. We will use formal models in order to address questions like: Why are markets organized the way they are? How does market organization affect firm behavior, such as firm production or pricing? How does the behavior of firms in turn affect the market structure? How does government policy shape firm behavior and market structure? What is the impact on welfare? Through the use of both theory and data, we will attempt to answer these questions. The course will proceed in three parts. We will first tackle decentralized markets; i.e. markets where many small firms compete in an ad hoc fashion (e.g. taxis, oceanic shipping, real estate). A recent and growing phenomenon in this setup is the emergence of platforms, such as Uber and Lyft, Uber Freight, Airbnb, etc. We will discuss their impact on markets and societal welfare. Then, we will introduce key concepts from the field of Industrial Organization in order to study oligopolistic markets. Through the use of models (mainly game theory) but also empirical analysis, we will explore the strategic interactions between firms and the impact of market power on society. Using these tools, we will study collusion and mergers. We will rely on game theory to analyze the strategic environment under study. Finally, we will study market power in global markets. In a strong recent trend, governments around the world are engaging in industrial policy (e.g. Made in China 2025). What are the rationales behind these initiatives? Are they effective? What is their impact on both domestic and global societal welfare? In this last part of the course we will focus on the role of governments in shaping global competition. The goal of this class is to get you engaged in topics of current interest and heated policy debates; "what is market power and how does it affect the world?", "how has uber changed transportation?", "does industrial policy work?" but also to get you to think about these questions through the rigorous lens of an economist armed with a good combination of formal modeling and empirical tools.

FAS Divisional Distribution: Social Sciences

ECON 1661

Economics of Climate Change and Environmental Policy

MWF 0130 PM - 0245 PM

Robert Stavins

Course ID: 111261

2026 Spring (4 Credits)

Provides a survey, from the perspective of economics, of global climate change and public policies to address it, including international, regional, national, and sub-national policies. The political economy and politics of alternative policies are also covered. Methodological topics that are broadly relevant for other resource and environmental issues are featured.

*Course Note: Offered jointly with the Kennedy School as API-135.**No prerequisites, but introductory microeconomics recommended.*

FAS Divisional Distribution: Social Sciences

ECON 1723
Capital Markets

Course ID: 111105
2026 Spring (4 Credits)

TR 0130 PM - 0245 PM

An introduction to finance. Concepts include time discounting, risk and return, market efficiency, and arbitrage. These concepts are applied to bonds, stocks, and derivatives. We cover financial crises and the role of finance in the economy.

Statistics 100 and Economics 1010a1, 1010a2, or 1011a.

FAS Divisional Distribution: Social Sciences

ECON 1745
Corporate Finance

Course ID: 117237
2025 Fall (4 Credits)

W 0300 PM - 0545 PM

Daniel Bergstresser

Introduction to corporate finance, including capital budgeting, capital structure of firms, dividend policy, corporate governance, and takeovers.

Mathematics 18 and Statistics 100

FAS Divisional Distribution: Social Sciences

ECON 1746
Financial and Economic Crises of the 21st Century

Course ID: 207618
2026 Spring (4 Credits)

MW 0130 PM - 0245 PM

Karen Dynan

This course examines major financial and economic developments that have challenged the U.S. economy over the past two decades. We begin with the 2007–2009 global financial crisis, studying the role of the mortgage boom and bust, the mechanisms through which problems spread to the broader financial system, and why the crisis proved so devastating for the economy. We will discuss the policies implemented to stabilize the financial system and the subsequent financial reforms. The course then turns to more recent financial and economic disruptions, including those associated with the onset of the COVID-19 recession, the post-pandemic surge in inflation, mounting federal debt, and other emerging threats to financial and economic stability. We will evaluate the policy responses to these developments and consider their implications for the future.

Ec1010b, Econ 1011b, or permission of the instructor

FAS Divisional Distribution: Social Sciences

ECON 1800
The Economics of Cities

Course ID: 111292
2026 Spring (4 Credits)

TR 1030 AM - 1145 AM

Denise DiPasquale, Edward Glaeser

Why are some cities so much more successful than others? What policies can turn places of poverty into places of opportunity? In this course, we explore our urban world using the tools of economics. Topics include firm and household location decisions, land use regulation, housing markets, transportation and entrepreneurship and innovation. We particularly focus on issues related to high housing costs, poverty, crime, the transformational role of cities in the developing world, and the future of cities in the age of Zoom and climate change.

Social Analysis 10 and Statistics 100.

FAS Divisional Distribution: Social Sciences

Economics of Discontinuous Change

TR 0130 PM - 0245 PM

Richard Freeman

Explores discontinuous changes and differences in socio-economic outcomes among countries, firms, and people, with attention to the four "apocalyptic" shocks that upended human lives in recent years; the Covid19 pandemic, 2008 implosion of Wall Street, Climate Change embodied in extreme weather events; and wars per Russian invasion of Ukraine; and on the possible role of "fifth horseman" of AI in helping solve these problems vs creating a new danger; and on shocks affecting academic lives: rise of student-employee unionism; student protests; and changes in knowledge and scientific ideas. Course examines mathematical models, computer simulations, and empirical evidence on growth of social movements such as trade unions, homophily and segregation of groups, power laws in inequality, spread of ideas, where change is driven by positive feedback loops instead of the workings of markets that equilibrate through negative feedbacks. Models include neural networks, finite automata, evolutionary stable strategies, and agent-based AI simulations. Lots of attention on how to get evidence on key parameters in these models from big data to case studies to lab experiments. Key requirement is an independent research paper on one of the discontinuous shocks.

Course Note: Course grades depend largely on independent research project/paper. Professor and TF will provide guidance on topic, help in obtaining data, information from firms, etc. This course meets the concentration writing requirement, if the project is a substantive, solo-authored, original research work (not a literature review). Students should have some mathematical background, but there is no prerequisite.

FAS Divisional Distribution: Social Sciences

ECON 1936Course ID: 107388
2025 Fall (4 Credits)**Keynes**

TR 0300 PM - 0530 PM

Stephen Marglin

This course explores the birth, death, and resurrection of The General Theory of Employment, Interest and Money from the Great Depression (1929-1939) to the Great Recession (2008-?). A major goal is to lay out a coherent argument that, for all its theoretical innovation, The General Theory did not deliver: the argument why a market system, even an idealized system with all of the warts removed, may fail to provide jobs for willing workers. In the process we will examine the orthodoxy that Keynes attacked and that resurfaced in the 1960s and 70s; the key concepts underlying the models implicit in The General Theory; and the attempts of the Keynesian mainstream to make peace with both Keynes and orthodoxy. We will also explore the applicability of The General Theory to the long run. A final section will view the present economic difficulties through a Keynesian lens.

Economics 1010b or 1011b, or permission of instructor; a year of college calculus allowing students to understand mathematical notation and concepts (derivatives, maximization, etc.) even though mathematics will be used very sparingly.

FAS Divisional Distribution: Social Sciences

ECON 2000Course ID: 113716
2025 Fall (4 Credits)**Introduction to Quantitative Economics**

TR 0900 AM - 1015 AM

*Instructor Permission Required**Jesse Shapiro, Jeffrey A. Miron*

Quantitative economics is the use of economic models to interpret data. The course proceeds through a series of economic settings, each of which motivates a canonical economic model. Readings and ungraded written reflections guide students through core concepts. Graded written work includes both pen-and-paper exercises designed to extend concepts and data exercises designed to apply them. Classroom discussion focuses on reviewing concepts, reflections, and exercises in parallel with students' reading and written work. At the end of the course, students are prepared to begin using economic theory to interpret data. They are also prepared to continue the study of quantitative economics within particular subfields, where they may encounter more elaborate or specialized economic models, and more complex data structures. The course requires microeconomics at the level of Economics 2010a/b and econometrics at the level of Economics 2120 or 2140.

FAS Divisional Distribution: None

ECON 2001	Course ID: 113088
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Jeffrey A. Miron, Edward Glaeser	

ECON 2001	Course ID: 113088
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Jeffrey A. Miron, Edward Glaeser	

ECON 2003	Course ID: 223960
Computing for Economists	2025 Fall (4 Credits)
TR 0130 PM - 0229 PM	<i>Instructor Permission Required</i>
Jesse Shapiro, Jeffrey A. Miron	

Computing for Economists is a month-long course introducing concepts in software engineering and scientific computing that are essential for modern economics research. Concepts will be introduced via videos that students will watch in advance of class sessions. Class sessions will be devoted to supervised group work on exercises. Students can choose six out of twelve modules, including topics in software engineering (e.g., object-oriented programming, metaprogramming, parallelization, computational complexity), scientific computing (e.g., non-linear equation-solving, numerical optimization, integration, differentiation), data manipulation (e.g., data normalization, large-scale data handling, data visualization), and some other advanced topics (e.g. combinatorial optimization). The course is designed to accommodate students with all levels of programming background, providing a flexible and practical approach to applying computational tools in economics. The course is based in Python, but will convey computational concepts that are portable across programming languages. Class sessions will be synchronous and will feature both in-person and remote options.

FAS Divisional Distribution: Social Sciences

ECON 2010A	Course ID: 124134
Economic Theory	2025 Fall (4 Credits)
TR 1030 AM - 1145 AM	<i>Instructor Permission Required</i>
Edward Glaeser, Tomasz Strzalecki	

Covers the theory of individual and group behavior. Topics include consumer theory, producer theory, behavior under uncertainty, externalities, monopolistic distortions, general equilibrium, moral hazard, and adverse selection.

Course Note: Enrollment is limited to students in the Economics, Business Economics, and PEG PhD programs.

Mathematics 116 or equivalent; can be taken concurrently.

FAS Divisional Distribution: Social Sciences

ECON 2010B	Course ID: 124139
Economic Theory	2026 Spring (4 Credits)
TR 1030 AM - 1145 AM	<i>Instructor Permission Required</i>
Shengwu Li, Jerry Green, Eric Maskin	

Topics include game theory, oligopolistic behavior, asymmetric information, voting and social choice, mechanism design, and applications such as public goods, auctions, matching and contracting.

GSAS students in the following PhD programs; Economics, Business Economics do not require permission to enroll, students from any other graduate programs in GSAS or elsewhere may not enroll, any Undergraduate can apply for admission to this course, pending review by the instructors, based on their other course experience.

Requires: Prerequisite: Economics 2010A

FAS Divisional Distribution: Social Sciences

ECON 2010C

Course ID: 111213

Economic Theory

2025 Fall (4 Credits)

TR 0130 PM - 0245 PM

David Laibson

Topics include discrete-time and continuous-time dynamic programming, consumption, investment, economic growth, and business cycles.

Course Note: Enrollment is strictly limited to PhD students in the Economics Department, Business Economics program, and PEG program. No other students may take the course for credit or as auditors.

FAS Divisional Distribution: Social Sciences

ECON 2010D

Course ID: 159639

Economic Theory

2026 Spring (4 Credits)

MW 0130 PM - 0245 PM

Xavier Gabaix, Ludwig Straub

A basic course in graduate macroeconomics, including models of business fluctuations, analyses of monetary and fiscal policy, and introduction to open economy macroeconomic issues.

Course Note: Enrollment is strictly limited to PhD students in the Economics Department, Business Economics program, and PEG program. Qualified Harvard undergraduates may also enroll. No other students may take the course for credit or as auditors. Mathematics 116 or the equivalent; can be taken concurrently.

Mathematics 116 or the equivalent; can be taken concurrently.

FAS Divisional Distribution: Social Sciences

ECON 2020A

Course ID: 112942

Microeconomic Theory I

2025 Fall (4 Credits)

TR 0130 PM - 0245 PM

Instructor Permission Required

Luis Armona

A comprehensive course in economic theory designed for doctoral students in all parts of the university. Topics include consumption, production, behavior toward risk, markets, and general equilibrium theory. Also looks at applications to policy analysis, business decisions, industrial organization, finance, and the legal system. Undergraduates with appropriate background are welcome, subject to the instructor's approval.

Required coursework in multivariate calculus and probability theory. Recommended exposure to proof-based mathematics course. Background in microeconomic theory at the intermediate level is helpful.

FAS Divisional Distribution: Social Sciences

ECON 2020B

Course ID: 113615

Microeconomic Theory II

2026 Spring (4 Credits)

MW 0900 AM - 1015 AM

Instructor Permission Required

Christopher Avery, Samuel Richardson

A continuation of Economics 2020a. Topics include game theory, economics of information, incentive theory, and welfare economics.

Course Note: Offered jointly with the Kennedy School as API-112 and with the Business School as 4011.

Requires: REQ; Economics 2020b

FAS Divisional Distribution: Social Sciences

ECON 2030

Course ID: 119960

Psychology and Economics

2026 Spring (4 Credits)

F 0130 PM - 0415 PM

David Laibson, Matthew Rabin

Studies the way that economic and psychological factors jointly influence behavior. Analyzes how to integrate

insights from the choices people make in the lab and the field into economic theory, applications, and empirical work. Enriches the standard economic model by improved understanding of people's goals and tastes, as well as incorporating limits to rationality such as limited attention and memory, errors in statistical reasoning and social inference, shortcomings in self-regulation, and misprediction of utility. The course is intended for doctoral students interested in research in economics and related fields; we also strongly encourage undergraduates with appropriate preparation.

Course Note: Primarily for graduate students but open to undergraduates.

Knowledge of multivariable calculus and econometrics.

FAS Divisional Distribution: Social Sciences

ECON 2038

Cognitive Economics

TR 1030 AM - 1200 PM

Andrei Shleifer, Joshua Schwartzstein

This course enriches standard economic analyses of belief formation and choice by incorporating modern psychological research on human attention, memory, perception, categorization, and mental models. The course uses the standard mathematical modeling and empirical methods employed in economic research. It is intended for doctoral students interested in research in economics and related fields; we also encourage undergraduates with appropriate preparation. Instruction is divided between Joshua Schwartzstein (1/2 of the lectures) and Andrei Shleifer (1/2 of the lectures).

Course Note: Instructor consent required for undergraduates

FAS Divisional Distribution: Social Sciences

ECON 2048

Topics in Mechanism Design

Course ID: 226731
2026 Spring (2 Credits)

ECON 2049

Topics in Mechanism and Market Design

W 0300 PM - 0545 PM

Course ID: 226859
2026 Spring (4 Credits)

This is a course in mechanism and market design covering methods, classical and modern theoretical results, applications, and possibly also related experimental work. Topics will include Bayesian, dominant-strategy and ex-post incentive compatibility, optimal and efficient auctions (the general independent private value case and beyond), topics in extensive-form mechanism design (with a focus on simplicity and credibility), matching mechanisms, and topics in robust mechanism design. Additional topics may be added depending on student interest and time permitting. Prerequisites: Microeconomic theory at the level of the first-year PhD sequence.

Course Note: Prerequisites: Microeconomic theory at the level of the first-year PhD sequence.

ECON 2059

Decision Theory

W 0900 AM - 1145 AM

Tomasz Strzalecki

Course ID: 121331
2025 Fall (4 Credits)

This course prepares students for pure and applied research in axiomatic decision theory. We start with a rigorous treatment of the classical topics that are at the heart of all of economics (utility maximization, expected utility, discounted utility, Bayesian updating, dynamic consistency, option value). We then delve into a number of modern topics inspired by the observed violations of the classical models ("exotic preferences" used in macro-finance, ambiguity aversion, temptation and self-control). The last part of the course explores the recently flourishing literature on stochastic choice (which is related to, but distinct from, discrete choice econometrics).

Prerequisites: basic microeconomic theory at the level of Mas Colell, Whinston, Green; being comfortable with abstract models.

FAS Divisional Distribution: Social Sciences

ECON 2060

Contract Theory

MW 1030 AM - 1145 AM

Oliver Hart

Recent developments in contract theory. Includes hidden action and hidden information models, dynamic agency issues, incomplete contracts, and applications of contract theory to financial contracting, firm boundaries, public ownership, and firm objectives.

FAS Divisional Distribution: Social Sciences

Course ID: 110708
2026 Spring (4 Credits)

ECON 2110

Econometrics I

MW 0130 PM - 0245 PM

Gregory Bruch

Economics 2110 and 2115 comprise a two-course sequence for first-year Ph.D. and D.B.A. students seeking training in econometric methods at a level that prepares them to conduct professional empirical research.

Economics 2110 (fall) reviews probability and statistics, then covers the fundamentals of modern econometrics, with a focus on regression methods for causal inference in observational and experimental data. Prerequisites: undergraduate courses in probability and statistics, regression analysis, linear algebra, and multivariate calculus.

Course Note: Enrollment limited to PhD candidates in economics, business economics, health policy, public policy, and political economy and government (PEG).

The two-course sequence is open only to qualified PhD and DBA students from HKS, HBS, GSE, and HSPH, but occasionally others may be admitted at the discretion of the instructor (if the instructor is convinced that such individuals can perform well and would not negatively affect the nature and pace of the course).

FAS Divisional Distribution: Social Sciences

Course ID: 120668
2025 Fall (4 Credits)

Instructor Permission Required

ECON 2115

Econometric Methods II

MW 0130 PM - 0245 PM

Michael Gechter

Economics 2110 and 2115 comprise a two-course sequence for first-year graduate students seeking training in econometric methods at a level that prepares them to conduct professional empirical research. Economics 2115 (spring) covers topics (different methods) in current empirical research. Faculty members from across the university will teach modules each covering a different method of causal inference, including but not limited to instrumental variables, panel data methods, and regression discontinuity and kink designs. The course will emphasize a mixture of theory and application, with problem sets focused on the replication or extension of recent papers utilizing these methods.

Course Note: This course is designed for PhD candidates in health policy, public policy, education policy, the Business School DBA program. Qualified undergraduates are also permitted to take the course with permission of the instructor.

Prerequisite: Economics 2110 or the equivalent.

FAS Divisional Distribution: Social Sciences

Course ID: 205523
2026 Spring (4 Credits)

Instructor Permission Required

ECON 2120

Principles of Econometrics

MW 1030 AM - 1145 AM

Elie Tamer

Course ID: 115026
2025 Fall (4 Credits)

Instructor Permission Required

Linear predictor as approximation to conditional expectation function. Least-squares projection as sample counterpart. Splines. Omitted variable bias and panel data. Bayesian inference for parameters defined by moment conditions. Finite sample frequentist inference for the normal linear model. Statistical decision theory and dominating least squares with many predictor variables; applications to estimating fixed effects (teacher effects, place effects) using panel data. Asymptotic inference in the generalized method of moments framework. Likelihood inference using information measures to define best approximations within parametric models. Instrumental variable models and the role of random assignment; applications include models of demand and supply and the evaluation of treatment effects.

Course Note: Enrollment is limited to PhD students in the Economics Department, Business Economics program, and PEG program. Other students wanting to enroll in the course should contact the instructor.

probability at the level of Statistics 110; linear algebra.

FAS Divisional Distribution: Social Sciences

ECON 2140

Econometric Methods

MW 0430 PM - 0545 PM

Course ID: 120662
2026 Spring (4 Credits)

This course continues the first year sequence in econometrics and covers a variety of topics and ideas that are important for pursuing and interpreting empirical research in economics. The first half of the course covers core econometric approaches that are important for a wide range of applications, including identification analysis, asymptotic approximations, large sample theory for estimation and hypothesis testing, and the bootstrap. The second part of the course examines a range of complementary topics and new developments, including reasons why canonical econometric methods may be unreliable (such as model misspecification, identification failure, and the incidental parameters problem) and extensions of and alternatives to the traditional econometric paradigm (such as partial identification, Bayesian inference, nonparametrics, and machine learning). Economic applications will be discussed throughout. Enrollment limited.

Economics 2120 or equivalent.

FAS Divisional Distribution: Social Sciences

ECON 2142

Time Series

MW 1030 AM - 1145 AM

Neil Shephard

Course ID: 113904
2025 Fall (4 Credits)

Time series centers around three main goals: describing data (e.g. seasonal adjustment, detrending), predicting future variables given the past data, and drawing causal conclusions about the effect of changing one variable on the future path of another. We will delve into principles and methods for all three of these goals. Due to the complexity of these problems, a three-pronged approach is often needed, combining theory, simulation, and data. Throughout problems from Economics and Finance will be used to illustrate time series methods. Likely topics covered include: martingales, theory of prediction, linear models and projection, control, reinforcement learning, causality (e.g. SVAR, local projection), hidden Markov models, stationarity and non-stationarity, spectral and wavelet methods.

FAS Divisional Distribution: Social Sciences

ECON 2148

Causal Inference in Economics

TR 0900 AM - 1015 AM

Davide Viviano

Course ID: 110300
2026 Spring (4 Credits)

The course covers topics in econometrics, with focus on micro-econometrics and causal inference

Course Note: Prerequisites are ECON2120 and ECON2140 or equivalent courses in statistics or CS (under permission of the instructor).

Requires: ECON 2120 and ECON 2140 or equivalent courses in statistics or CS (under permission of the instructor)

FAS Divisional Distribution: Social Sciences

ECON 2329

Political Economy of Electoral Democracies

TR 1200 PM - 0115 PM

Vincent Pons, Jesse Shapiro

This class introduces students to a wide range of topics at the frontier of political economy research, with a focus on electoral democracies. Topics covered include theories of legislator and voter behavior, effects of elections, political media and advertising, special interest politics, and political polarization and populism. Methodologically, the class covers a range of techniques, including administrative data, surveys, text analysis, field and natural experiments, and structural methods.

Course Note: Economics 2010a required or instructor consent.

FAS Divisional Distribution: Social Sciences

Course ID: 220377

2025 Fall (4 Credits)

ECON 2340

Spatial Mobility and Development: Evidence and Quantitative Models

TR 0900 AM - 1015 AM

Gabriel Kreindler

How does spatial mobility affect firms, migrants, commuters and job-seekers? What barriers hamper mobility at these different scales? What are the equilibrium implications of changes in travel costs, for example, due to infrastructure improvements? This course discusses recent research on the links between transportation and the economy, with a focus on developing countries. It focuses on the interplay between empirical evidence and quantitative models, and students will gain hands-on experience with both. The first part of the course introduces the workhorse models and empirical tools, which we then apply to topics in infrastructure, migration, urban traffic congestion, and urban mobility and labor markets.

FAS Divisional Distribution: Social Sciences

Course ID: 215901

2025 Fall (4 Credits)

ECON 2355

Unleashing Novel Data at Scale

No meeting time listed

Melissa Dell

A vast number of important economic questions remain unanswered, in substantial part because the data required to examine them has traditionally been inaccessible. For example, much historical data remains trapped in hard copy. More broadly, information that could elucidate important questions is scattered throughout text, or contained in scans, photographs, videos, or audio files. This course will provide an introduction to deep learning-based methods and other data science tools that can process such sources on a massive scale. The course will cover natural language processing, computer vision, and multimodal methods. Topics in NLP include neural language modeling, topic and sentiment classification, text retrieval named entity recognition, dependency parsing, and knowledge intensive NLP. Topics in computer vision include convolutional neural networks, vision transformers, object detection, document layout analysis, image classification, image retrieval, GANs, and OCR. Efficiently harnessing the power of large-scale computing will receive emphasis throughout the course. By introducing a range of methods to convert diverse information into computable data, we aim to increase the number of questions that students can feasibly research.

FAS Divisional Distribution: Social Sciences

Course ID: 217485

2026 Spring (4 Credits)

ECON 2360

The Microeconomics of Development

TR 1030 AM - 1145 AM

Emily Breza

This course covers the microeconomic foundations of development economics. We will focus on market frictions that may hinder growth in developing countries. Topics include labor markets, land markets, and credit markets. We will also discuss the economics of the household and social networks. The course will use both theoretical and empirical tools.

Course ID: 207641

2025 Fall (4 Credits)

Instructor Permission Required

ECON 2411

Advanced Topics in Macroeconomics

R 0300 PM - 0545 PM

Ludwig Straub

This is a class in empirical macroeconomics, covering empirical methods and their relation to structural macroeconomic modeling. Topics include: state-space and sequence-space representations of structural macroeconomic models; basics of time series inference; time series methods for causal identification; uses and limitations of cross-sectional analysis; and a brief overview of non-linear methods. The objective is to bring students to the research frontier in these topics.

Course Note: This is a 6 week course scheduled for the first half of the semester.

FAS Divisional Distribution: None

ECON 2416

Advanced Topics in Empirical Macroeconomics

MW 0430 PM - 0545 PM

Course ID: 207940

2025 Fall (4 Credits)

The course will explore topics in applied macroeconomics, with emphasis on the intersection of empirical analysis and theory. Topics may include monetary policy, fiscal policy, financial frictions, and labor markets. The course will present a variety of empirical methods, such as the narrative approach, VAR analysis, and the use of cross-sectional data in macroeconomics.

FAS Divisional Distribution: None

ECON 2450A

Public Economics and Fiscal Policy I

MW 1200 PM - 0115 PM

Stefanie Stantcheva

This course covers optimal labor income taxation and redistribution, behavioral responses to taxes and transfers, inequality, the distribution and taxation of wealth and capital income, social preferences (normative analysis), dynamic taxation and mechanism design. For each topic, we will cover the theoretical models and the empirical evidence.

Course Note: A good foundation in basic quasi-experimental empirical methods (event studies, diff-in-diff, regression discontinuity) is encouraged.

Prerequisite: (Economics 2010a AND Economics 2010b) OR (Economics 2020a AND Economics 2020b)

Requires: Prerequisite: (Economics 2010a AND Economics 2010b) OR (Economics 2020a AND Economics 2020b)

FAS Divisional Distribution: Social Sciences

ECON 2450B

Public Economics and Fiscal Policy II

TR 0300 PM - 0415 PM

Nadarajan Chetty

This course covers core issues related to the design of public policies and is the second course offered in the Public Economics sequence at Harvard in 2024-25. The first part of this course analyzes (1) optimal labor income taxes and transfers, (2) tax evasion, avoidance, and enforcement, and (3) capital taxation and aspects of social security. The second part analyzes (4) social insurance, (5) externalities, public goods and the environment, (6) innovation policies, and (7) distributional effects of inflation and recent advances in empirical methods. For each topic, we will cover the theoretical models and the empirical evidence.

Course Note: Students are encouraged to take Economics 2450a before taking 2450b. In addition to the requirements above, you are strongly encouraged to review i) labor supply concepts (Hicksian elasticity, Marshallian elasticity, income effects); ii) "dynamic programming" and "optimal control methods"; iii) constrained

optimization and the envelope theorem.

Prerequisite: (Economics 2010a AND Economics 2010b) OR (Economics 2020a AND Economics 2020b).

Requires: Prerequisite: (Economics 2010a AND Economics 2010b) OR (Economics 2020a AND Economics 2020b)

FAS Divisional Distribution: Social Sciences

ECON 2465

Health Economics

TR 1030 AM - 1145 AM

David Cutler

Course ID: 126074

2026 Spring (4 Credits)

Instructor Permission Required

This course surveys topics in health economics. It touches on public sector issues, the industrial organization of health care markets, interactions between health and labor markets, and health in developing countries. Theory and empirical work are presented.

Course Note: A graduate level microeconomics class at the level of Economics 2010 or 2020 is required for enrollment. Students unsure about the adequacy of their background should contact the instructor.

FAS Divisional Distribution: Social Sciences

ECON 2530A

International Trade

MW 0900 AM - 1015 AM

Elhanan Helpman

Course ID: 113995

2025 Fall (4 Credits)

Provides a broad overview of theory and evidence concerning international trade, direct foreign investment, and trade policy.

Course Note: Strongly recommended as preparation for Economics 2530b. Open to undergraduates only with permission of instructor.

Requires: Prerequisite: Economics 2010a AND Economics 2010b

FAS Divisional Distribution: Social Sciences

ECON 2530B

International Finance

MW 0900 AM - 1015 AM

Oleg Itskhoki

Course ID: 120439

2026 Spring (4 Credits)

Financial aspects of growth and income determination in open economies. Topics include international business cycle, monetary and exchange rate regimes, capital flows, and current issues in international macroeconomic policy.

Economics 2530a provides extremely useful background.

FAS Divisional Distribution: Social Sciences

ECON 2535

Advanced Topics in International Trade

MW 1030 AM - 1145 AM

Marc Melitz, Pol Antras

Course ID: 143462

2026 Spring (4 Credits)

Covers advanced theoretical and empirical topics concerning the determinants of world trade patterns.

Requires: Prerequisite: Economics 2530a

FAS Divisional Distribution: None

ECON 2610

Course ID: 113404
2025 Fall (4 Credits)

Industrial Organization I

MW 0130 PM - 0245 PM

Robin Lee, Ariel Pakes

An introduction to applied work in industrial organization. Static analysis (theory and estimation) of demand systems and cost functions (adverse selection, moral hazard, productivity), and applications of game theoretic concepts of equilibrium. Topics include the determinants of market structure and product availability, merger analysis and antitrust, and contracting and bargaining in vertical markets.

FAS Divisional Distribution: Social Sciences

ECON 2611

Course ID: 111407
2026 Spring (4 Credits)

Industrial Organization II

MW 0130 PM - 0245 PM

Instructor Permission Required

Myrto Kalouptsi, Ariel Pakes

A continuation of the graduate sequence in industrial organization, with an emphasis on the applied analysis of dynamic environments (including single agent optimization problems and the specification, estimation, and computation of dynamic games). Additional topics may include network industries, spatial equilibrium models, transportation markets, and others depending on interest. Note: topics require an understanding of materials covered in Economics 2610.

FAS Divisional Distribution: Social Sciences

ECON 2688

Course ID: 224641
2025 Fall (4 Credits)

Environmental and Climate Economics

MW 0900 AM - 1015 AM

James H. Stock, Wolfram Schlenker

This class covers the economics of the environment and climate change, with a focus on market-based solutions to externalities, open-access problems, and blended policy responses. The course will include recent advances in how to empirically estimate the benefits and cost of environmental and climate regulation.

Course Note: Open to Econ/BE/PEG students and to others with permission of the instructor

FAS Divisional Distribution: Social Sciences

ECON 2721

Course ID: 225973
2026 Spring (4 Credits)

Field Experiments

W 0300 PM - 0530 PM

Michael Norton, Alex Chan

Social scientists are increasingly implementing field experiments to test theories and evaluate policies. Examples range from randomizing a company's advertising strategies to varying job offer details to prospective employees. Some field experiments are run in close collaboration with organizations, while others are run without any organizational involvement. Many companies and governments are also now running experiments at very large scale. This doctoral course will explore field experiments in the social sciences. The course has three goals for students: 1. To develop the tools to design, implement, and analyze a field experiment. 2. To gain an understanding of the strengths and limits of field experiments. 3. To assess examples of field experiments that have been run, and the insights that have been gained from them. The primary deliverable will be an in-depth proposal for a field experiment.

Course Note: This course is cross listed with Field Experiments HBSDOC 4430.

This course is intended for students who have completed the first year of PhD methods. First year students may petition to be enrolled.

ECON 2723

Course ID: 111998
2025 Fall (4 Credits)

Asset Pricing

M 1200 PM - 0245 PM

Tarek Hassan

An introduction to financial economics emphasizing discrete-time models and empirical applications. Reviews basic asset pricing theory. Discusses empirical topics including predictability of stock and bond returns, the equity premium puzzle, and intertemporal equilibrium models.

Course Note: Offered jointly with the Business School as 4209. Intended for Harvard PhD Economic students but open to other students with instructor's permission.

Requires: Prerequisite: Economics 2010a OR Economics 2020a

FAS Divisional Distribution: Social Sciences

ECON 2725

Corporate Finance and Banking

Course ID: 110731

2025 Fall (4 Credits)

TR 0130 PM - 0245 PM

Adi Sunderam, Samuel Hanson

Theory and empirical evidence on capital structure, dividends, investment policy, and managerial incentives. Topics include banking, corporate governance, and mergers.

Course Note: Offered jointly with the Business School as 4243.

FAS Divisional Distribution: Social Sciences

ECON 2726

Theoretical and Empirical Perspectives on Entrepreneurship and Innovation

Course ID: 124076
2026 Spring (4 Credits)

T 0945 AM - 1145 AM

Shai Bernstein

TEPEI explores scholarly work from economics and finance disciplines regarding entrepreneurship—the formation and growth of new firms—and its implications for innovation and growth. While work on this topic dates back to Schumpeter and even earlier, academic research regarding entrepreneurship has exploded over the last decade. The nine-week "core" component will the connections between economic theory—particularly in contract theory, organizational economics, and corporate finance--and empirical work. Among the topics that will be covered are the rationale for entrepreneurial firms, the structure of arrangements between entrepreneurs and investors, the relationship with larger entities, entrepreneurial strategy, the development of new ideas and its relationship to organizational form, and the decision to go public. We will also seek to understand key data sets for research . At the same time, these are dynamic fields, with new topics attracting academic (and real world) interest. Reflecting this dynamism, the nine core weeks will be followed by four weeks of special topics that will vary from year-to-year.

Course Note: Offered jointly with the Business School as 4350.

FAS Divisional Distribution: Social Sciences

ECON 2727

Empirical Methods in Financial Economics

Course ID: 119971
2026 Spring (4 Credits)

M 0300 PM - 0545 PM

Samuel Hanson, Adi Sunderam

Examines empirical research in corporate finance. Covers empirical research methodology, financial institutions, and financial policy. Major emphasis is on how to do well-executed and persuasive research in corporate finance.

Course Note: Structured to minimize overlap with Economics 2725. Seminar format; students write referee reports and a research paper. Offered jointly with the Business School as 4220.

FAS Divisional Distribution: Social Sciences

ECON 2810A

Labor Market Analysis

Course ID: 114301
2025 Fall (4 Credits)

MW 1030 AM - 1145 AM

Theoretical and empirical research on labor markets. Wage determination covers equalizing differences, human capital, job mobility, and incentive models. Labor supply covers life-cycle models. Labor demand includes minimum wage and union models.

Course Note: this is 6 week course, occurring in the first part of the semester

FAS Divisional Distribution: Social Sciences

ECON 2810A

Labor Market Analysis

No meeting time listed

Course ID: 114301
2025 Fall (2 Credits)

Theoretical and empirical research on labor markets. Wage determination covers equalizing differences, human capital, job mobility, and incentive models. Labor supply covers life-cycle models. Labor demand includes minimum wage and union models.

*Course Note: this is 6 week course, occurring in the first part of the semester
this is 6 week course, occurring in the first part of the semester*

FAS Divisional Distribution: Social Sciences

ECON 2810B

Labor Economics and Labor Market Institutions

TR 1200 PM - 0115 PM

Amanda Pallais

Course ID: 112770
2026 Spring (4 Credits)

Examines the operation of the labor market and policies that affect labor market outcomes. Topics: static and dynamic labor supply, job search, firms and inequality, self-selection, discrimination, personnel, and education.

FAS Divisional Distribution: Social Sciences

ECON 2880

Economics of Science

R 0300 PM - 0545 PM

Richard Freeman

Course ID: 124078
2026 Spring (4 Credits)

Covers economic incentives that drive science and scientists in creating new knowledge and effect of scientific-technological advance on the economy. First part of course examines global spread of science, with particular attention to rise of China as scientific super-power and beginning emergence of India, decisions of students to choose scientific careers and rise of graduate student unions and post-docs groups; use of tenure tournaments in motivating academic science, network analysis of scientific co-authorship and citations of papers; the development of "slippery science" from replication problems to fraud; increased use of machine learning AI tools in scientific discovery; and demand for R&D by firms seeking new technologies and products. Second part of course analyzes impact of increased scientific knowledge on economic innovation, with attention to private and social returns, patenting system; creation of new products and technical processes; clinical research trials in medicine with NIH as major funder and FDA approval of drugs as key regulator of pharma; govt support of science via spending, DARPA and related innovative research programs, and role of international students on visas.

Course Note: Key requirement is graduate-level research paper, potentially using big data set on scholarly paper, R&D spending, patents, etc.

Attendance at the Economics of Science & Engineering Seminar is strongly suggested.

FAS Divisional Distribution: Social Sciences

ECON 2902

Early-Stage Research and Discussions in Theory

F 1030 AM - 1145 AM

Course ID: 208000
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Social Sciences

ECON 2902

Early-Stage Research and Discussions in Theory

F 1030 AM - 1145 AM

Shengwu Li, Jerry Green, Tomasz Strzalecki

Theory Reading Group

Course ID: 208000

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Social Sciences

ECON 2903

Early-Stage Research and Discussions on Econometrics

R 0130 PM - 0245 PM

Elie Tamer, Davide Viviano

Course ID: 210861

2025 Fall (4 Credits)

Instructor Permission Required

ECON 2903

Early-Stage Research and Discussions on Econometrics

R 0130 PM - 0245 PM

Elie Tamer, Davide Viviano

Course ID: 210861

2026 Spring (4 Credits)

Instructor Permission Required

ECON 2904

Early Stage Research and Discussions on Historical Economic Development

W 0130 PM - 0245 PM

Claudia Goldin

Course ID: 213555

2025 Fall (4 Credits)

Instructor Permission Required

Students discuss their research in historical economic development. It is primarily, but not exclusively, for doctoral students in economics who have finished their first-year core courses.

FAS Divisional Distribution: Social Sciences

ECON 2904

Early Stage Research and Discussions on Historical Economic Development

W 0300 PM - 0400 PM

Edward Glaeser, Claudia Goldin

Course ID: 213555

2026 Spring (4 Credits)

Students discuss their research in historical economic development. It is primarily, but not exclusively, for doctoral students in economics who have finished their first-year core courses.

FAS Divisional Distribution: Social Sciences

ECON 2905

Early-Stage Research and Discussions on Economic Development

W 0900 AM - 1015 AM

Gabriel Kreindler, Emily Breza, Augustin Bergeron

Course ID: 208001

2025 Fall (4 Credits)

Instructor Permission Required

Participants discuss recent research in economic development and present their own work in progress. For development economics PhD students advised by economics department faculty. Cannot be taken concurrently

with API-902.

FAS Divisional Distribution: Social Sciences

ECON 2905	Course ID: 208001
Early-Stage Research and Discussions on Economic Development	2026 Spring (4 Credits)
W 0900 AM - 1015 AM	<i>Instructor Permission Required</i>
<i>Emily Breza, Gabriel Kreindler, Augustin Bergeron</i>	
Participants discuss recent research in economic development and present their own work in progress. For development economics PhD students advised by economics department faculty. Cannot be taken concurrently with API-902.	

FAS Divisional Distribution: Social Sciences

ECON 2906	Course ID: 211332
Early Stage Research and Discussions on Macroeconomics	2025 Fall (4 Credits)
T 0430 PM - 0545 PM	<i>Instructor Permission Required</i>
<i>Gabriel Chodorow-Reich, Ludwig Straub, Oleg Itskhoki</i>	

ECON 2906	Course ID: 211332
Early Stage Research and Discussions on Macroeconomics	2026 Spring (4 Credits)
T 0430 PM - 0545 PM	
<i>Ludwig Straub, Gabriel Chodorow-Reich, Oleg Itskhoki</i>	

ECON 2907	Course ID: 210860
Early-Stage Research and Discussions on Public Economics and Fiscal Policy	2026 Spring (4 Credits)
T 0430 PM - 0545 PM	<i>Instructor Permission Required</i>
<i>Stefanie Stantcheva</i>	

ECON 2908	Course ID: 217480
Early Stage Research and Discussions on International Economics	2025 Fall (4 Credits)
W -	
<i>Marc Melitz, Pol Antras, Elhanan Helpman</i>	

ECON 2909	Course ID: 211181
Early Stage Research and Discussions on Industrial Organization	2025 Fall (4 Credits)
W 1030 AM - 1145 AM	<i>Instructor Permission Required</i>
<i>Myrto Kalouptsi, Robin Lee, Ariel Pakes</i>	

ECON 2909	Course ID: 211181
Early Stage Research and Discussions on Industrial Organization	2026 Spring (4 Credits)
W 1030 AM - 1145 AM	<i>Instructor Permission Required</i>
<i>Robin Lee, Myrto Kalouptsi, Ariel Pakes</i>	

ECON 2911	Course ID: 215766
Reading Group on Topics in Financial Economics	2025 Fall (4 Credits)
F 0200 PM - 0330 PM	<i>Instructor Permission Required</i>
<i>Emil Siriwardane</i>	

This course presents and discusses new developments in the field of financial economics. Students will present a recent academic research paper in the field and discuss its contribution, strengths, and weaknesses. Theory and empirical work will both be covered. Examples of specific topics include capital market pricing, financial intermediation, international finance, corporate finance, and household finance. This course is designed for doctoral students and will be moderated by faculty with relevant research expertise. This course is cross listed with HBSDOC 4918

FAS Divisional Distribution: Social Sciences

ECON 2912	Course ID: 210859
Early-Stage Research and Discussions on Labor Economics	2025 Fall (4 Credits)
F 1030 AM - 1145 AM	<i>Instructor Permission Required</i>
<i>Lawrence Katz, Amanda Pallais, Claudia Goldin, Edward Glaeser, Edward Glaeser</i>	

ECON 2912	Course ID: 210859
Early-Stage Research and Discussions on Labor Economics	2026 Spring (4 Credits)
F 1030 AM - 1145 AM	<i>Instructor Permission Required</i>
<i>Lawrence Katz, Amanda Pallais, Claudia Goldin, Edward Glaeser, Edward Glaeser</i>	

ECON 2922	Course ID: 216815
Early-Stage Research and Discussions on Urban Economics	2025 Fall (4 Credits)
R 0300 PM - 0415 PM	
<i>Gabriel Kreindler, Edward Glaeser</i>	

ECON 2922	Course ID: 216815
Early-Stage Research and Discussions on Urban Economics	2026 Spring (4 Credits)
R 0300 PM - 0415 PM	
<i>Gabriel Kreindler, Edward Glaeser</i>	

ECON 2923	Course ID: 218747
Early Stage Research and Discussions in Cognitive Economics	2025 Fall (4 Credits)
R 0500 PM - 0620 PM	<i>Instructor Permission Required</i>
<i>Andrei Shleifer</i>	

ECON 2923	Course ID: 218747
Early Stage Research and Discussions in Cognitive Economics	2026 Spring (4 Credits)
R 0500 PM - 0620 PM	<i>Instructor Permission Required</i>
<i>Andrei Shleifer</i>	

ECON 2925	Course ID: 220488
Early Stage Research and Discussions on the Economics of Health Equity	2026 Spring (4 Credits)
W 0130 PM - 0245 PM	
<i>David Cutler, Marcella Alsan</i>	

ECON 2926	Course ID: 226345
Early Stage Research and Discussions on International Economics and Geopolitics	2025 Fall (4 Credits)
T 0130 PM - 0245 PM	
<i>Pol Antras, Marc Melitz, David Yang</i>	

ECON 3000

Course ID: 208352
2025 Fall (4 Credits)

TIME

No meeting time listed

Used to replace time c.

Requires: Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ECON 3000

Course ID: 208352
2026 Spring (4 Credits)

TIME

No meeting time listed

Jeffrey A. Miron

Used to replace time c.

Requires: Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

ECON 3001

Course ID: 120245
2025 Fall (4 Credits)

Graduate Student Workshop in Behavioral Economics

W 1200 PM - 0115 PM

Benjamin Enke, Matthew Rabin, David Laibson

Participants discuss recent research in Behavioral Economics, and Experimental Economics and present their own work in progress.

Course Note: This workshop meets jointly with Econ 3002: Graduate Student Workshop in Theory.

FAS Divisional Distribution: Social Sciences

ECON 3001

Course ID: 120245
2026 Spring (4 Credits)

Graduate Student Workshop in Behavioral Economics

R 1200 PM - 0115 PM

Instructor Permission Required

David Laibson, Matthew Rabin, Benjamin Enke

Participants discuss recent research in Behavioral Economics, and Experimental Economics and present their own work in progress.

Course Note: This workshop meets jointly with Econ 3002: Graduate Student Workshop in Theory.

FAS Divisional Distribution: Social Sciences

ECON 3002

Course ID: 126663
2025 Fall (4 Credits)

Graduate Student Workshop in Theory

F 1030 AM - 1145 AM

Jerry Green, Shengwu Li, Yannai Gonczarowski

Participants present their work in Economic Theory. Open to doctoral students in Economics. There are some joint sessions with Ec 3001 (Behavioral Economics).

Requires: Prerequisite: Economics 2010a

FAS Divisional Distribution: Social Sciences

ECON 3002

Course ID: 126663
2026 Spring (4 Credits)

Graduate Student Workshop in Theory

F 1030 AM - 1145 AM

Tomasz Strzalecki, Yannai Gonczarowski, Jerry Green, Shengwu Li, Shengwu Li

Participants present their work in Economic Theory. Open to doctoral students in Economics. There are some joint sessions with Ec 3001 (Behavioral Economics).

Requires: Prerequisite: Economics 2010a

FAS Divisional Distribution: Social Sciences

ECON 3003

Graduate Student Workshop in Econometrics

M 0130 PM - 0245 PM

Elie Tamer, James H. Stock, Davide Viviano

Participants discuss recent research in econometrics and present their own work in progress. Open to doctoral students in economics.

Course Note: This course must be taken Sat/Unsat.

FAS Divisional Distribution: Social Sciences

Course ID: 111451

2025 Fall (4 Credits)

ECON 3003

Graduate Student Workshop in Econometrics

M 0130 PM - 0230 PM

James H. Stock, Elie Tamer, Davide Viviano

Participants discuss recent research in econometrics and present their own work in progress. Open to doctoral students in economics.

Course Note: This course must be taken Sat/Unsat.

FAS Divisional Distribution: Social Sciences

Course ID: 111451

2026 Spring (4 Credits)

ECON 3004

Graduate Student Workshop in Economic History

F 1200 PM - 0115 PM

Claudia Goldin

Participants discuss recent research in economic history and present their own work in progress.

FAS Divisional Distribution: Social Sciences

Course ID: 123105

2025 Fall (4 Credits)

Instructor Permission Required

ECON 3004

Graduate Student Workshop in Economic History

F 1200 PM - 0115 PM

Claudia Goldin, Melissa Dell

Participants discuss recent research in economic history and present their own work in progress.

FAS Divisional Distribution: Social Sciences

Course ID: 123105

2026 Spring (4 Credits)

Instructor Permission Required

ECON 3005

Graduate Student Workshop in Economic Development

T 1200 PM - 0115 PM

Emily Breza, Gautam Rao, Melissa Dell

Participants discuss recent research in economic development and present their own work in progress. Popularly known as the Development Lunch.

Course ID: 110160

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ECON 3005

Graduate Student Workshop in Economic Development

T 1200 PM - 0115 PM

Melissa Dell, Emily Breza

Course ID: 110160
2026 Spring (4 Credits)

Instructor Permission Required

Participants discuss recent research in economic development and present their own work in progress. Popularly known as the Development Lunch.

FAS Divisional Distribution: None

ECON 3006

Graduate Student Workshop in Macroeconomics

T 1200 PM - 0115 PM

Benjamin Friedman, Gabriel Chodorow-Reich, Ludwig Straub

Participants discuss recent research in macroeconomics and present their own work in progress.

Course Note: Popularly known as the Macro Lunch.

Course ID: 117451
2025 Fall (4 Credits)

FAS Divisional Distribution: Social Sciences

ECON 3006

Graduate Student Workshop in Macroeconomics

T 1200 PM - 0115 PM

Benjamin Friedman, Gabriel Chodorow-Reich, Ludwig Straub

Participants discuss recent research in macroeconomics and present their own work in progress.

Course Note: Popularly known as the Macro Lunch.

Course ID: 117451
2026 Spring (4 Credits)

FAS Divisional Distribution: Social Sciences

ECON 3007

Graduate Student Workshop in Public Economics and Fiscal Policy

T 0130 PM - 0245 PM

David Cutler

Participants discuss recent research in public economics and fiscal policy and present their own work in progress. Open to doctoral students in economics who have passed their oral examinations.

Course ID: 119562
2025 Fall (4 Credits)

FAS Divisional Distribution: None

ECON 3007

Graduate Student Workshop in Public Economics and Fiscal Policy

T 0130 PM - 0245 PM

David Cutler

Participants discuss recent research in public economics and fiscal policy and present their own work in progress. Open to doctoral students in economics who have passed their oral examinations.

Course ID: 119562
2026 Spring (4 Credits)

FAS Divisional Distribution: None

ECON 3008 Course ID: 113575
Graduate Student Workshop in International Economics 2025 Fall (4 Credits)
W 1200 PM - 0115 PM *Instructor Permission Required*
Marc Melitz, Kenneth Rogoff, Pol Antras
Participants discuss recent research in international economics and present their own work in progress. Open to doctoral students in economics who have passed their oral examinations.
Course Note: Popularly known as the International Lunch.

FAS Divisional Distribution: None

ECON 3008 Course ID: 113575
Graduate Student Workshop in International Economics 2026 Spring (4 Credits)
W 1200 PM - 0115 PM *Instructor Permission Required*
Marc Melitz, Kenneth Rogoff, Pol Antras, Gita Gopinath, Gita Gopinath
Participants discuss recent research in international economics and present their own work in progress. Open to doctoral students in economics who have passed their oral examinations.
Course Note: Popularly known as the International Lunch.

FAS Divisional Distribution: None

ECON 3009 Course ID: 117566
Graduate Student Workshop in Industrial Organization 2025 Fall (4 Credits)
W 0300 PM - 0415 PM *Instructor Permission Required*
Ariel Pakes, Robin Lee, Myrto Kalouptsi
Participants present their own research in progress in an informal setting. Open to doctoral students in economics who have passed their general examinations and are in the early stages of their dissertations.

FAS Divisional Distribution: None

ECON 3009 Course ID: 117566
Graduate Student Workshop in Industrial Organization 2026 Spring (4 Credits)
W 0130 PM - 0245 PM *Instructor Permission Required*
Ariel Pakes, Robin Lee, Myrto Kalouptsi
Participants present their own research in progress in an informal setting. Open to doctoral students in economics who have passed their general examinations and are in the early stages of their dissertations.

FAS Divisional Distribution: None

ECON 3010 Course ID: 204662
Alberto Alesina Graduate Student Workshop in Political Economy and Culture 2025 Fall (4 Credits)
R 0130 PM - 0245 PM
Benjamin Enke, David Yang
The course is intended for students interested in research within the field of political economy or cultural economics, both broadly defined. Participants discuss research papers presented by scholars at Harvard and from elsewhere. They also present their own work in progress.

FAS Divisional Distribution: Social Sciences

ECON 3010 Course ID: 204662
Alberto Alesina Graduate Student Workshop in Political Economy and Culture 2026 Spring (4 Credits)
R 0130 PM - 0245 PM
Benjamin Enke, David Yang

The course is intended for students interested in research within the field of political economy or cultural economics, both broadly defined. Participants discuss research papers presented by scholars at Harvard and from elsewhere. They also present their own work in progress.

FAS Divisional Distribution: Social Sciences

ECON 3011 Course ID: 115030
Graduate Student Workshop in Financial Economics 2025 Fall (4 Credits)
F 1200 PM - 0115 PM *Instructor Permission Required*
Xavier Gabaix, Jeremy Stein

Participants discuss recent research in financial economics and present their own work in progress.

FAS Divisional Distribution: None

ECON 3011 Course ID: 115030
Graduate Student Workshop in Financial Economics 2026 Spring (4 Credits)
F 1200 PM - 0115 PM *Instructor Permission Required*
John Campbell, Jeremy Stein, Xavier Gabaix

Participants discuss recent research in financial economics and present their own work in progress.

FAS Divisional Distribution: None

ECON 3012 Course ID: 111404
Graduate Student Workshop in Labor Economics 2025 Fall (4 Credits)
T 0130 PM - 0245 PM *Instructor Permission Required*
Lawrence Katz, Edward Glaeser, Claudia Goldin

Participants discuss recent research in labor economics and present their own work in progress.

FAS Divisional Distribution: None

ECON 3012 Course ID: 111404
Graduate Student Workshop in Labor Economics 2026 Spring (4 Credits)
T 0130 PM - 0245 PM *Instructor Permission Required*
Lawrence Katz, Edward Glaeser, Claudia Goldin

Participants discuss recent research in labor economics and present their own work in progress.

FAS Divisional Distribution: None

ECON 3013 Course ID: 107608
Graduate Student Workshop in Contracts and Organizations 2025 Fall (4 Credits)
W 1200 PM - 0115 PM
Oliver Hart, Kathryn Spier

Participants discuss recent research in contracts and organizations and present their own work in progress. Open to doctoral students in economics.

ECON 3013 Graduate Student Workshop in Contracts and Organizations W 1200 PM - 0115 PM <i>Oliver Hart, Kathryn Spier</i> Participants discuss recent research in contracts and organizations and present their own work in progress. Open to doctoral students in economics.	Course ID: 107608 2026 Spring (4 Credits)
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FAS Divisional Distribution: Social Sciences

ECON 3016A Graduate Student Workshop in Environmental Economics F 1200 PM - 1259 PM <i>Robert Stavins, James H. Stock</i>	Course ID: 120837 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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ECON 3016B Graduate Student Workshop in Environmental Economics F 1200 PM - 0100 PM <i>Robert Stavins, James H. Stock</i>	Course ID: 217792 2026 Spring (2 Credits)
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ECON 3017 Research in Health Economics R 0845 AM - 1015 AM <i>Mark Shepard</i>	Course ID: 115494 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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This is a discussion-based course with the goal of helping PhD students in economics, health care policy, public policy, public health, and related fields read and learn the health economics literature. Each session is taught by a different instructor from around Harvard, who will introduce you to key research in their area of expertise.

FAS Divisional Distribution: None

ECON 3116A Seminar in Environmental Economics and Policy W 0430 PM - 0545 PM <i>James H. Stock, Robert Stavins</i>	Course ID: 113829 2025 Fall (2 Credits) <i>Instructor Permission Required</i>
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Selected topics in environmental and resource economics. Emphasizes theoretical models, quantitative empirical analysis, and public policy applications. Includes invited outside speakers. Part one of a two part series. The curriculum for this course builds throughout the academic year. Students must to complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Note: Primarily for graduate students in economics or related fields with environmental interests. Offered jointly with the Kennedy School as API-905Y.

For Econ students only: Please enter for Ec 3000 in the fall to ensure you receive full credit for Econ 3116

Graduate-level course in microeconomic theory.

Full Year Course: Indivisible Course

FAS Divisional Distribution: None

Education Studies

Education Studies

EDST 102

Developmental Psychology

T 1030 AM - 1230 PM

Paul Harris

Course ID: 218915
2025 Fall (4 Credits)

This course is an introduction to the theories and findings in developmental psychology. It covers the period of early childhood, but discussion will often extend to older children and adults. The course will cover attachment, pretense and imagination, theory of mind/autism, language and thought, memory, moral development, emotion and emotion understanding, vocabulary growth, cross-cultural variation in relationships and thinking, trust in others' testimony, thinking and reasoning, and religious development. An important goal is to allow students to examine for themselves not just the conclusions that psychologists have reached about development but also some of the experiments and observations that have led to those conclusions. Learning Goals: The purpose of this course is to introduce you to theories and findings in developmental psychology. The main emphasis will be on early childhood – roughly the period from 18 months to 6 years but for some topics we will also discuss development through adulthood. An important goal is to introduce you to some of the major theorists in developmental psychology (e.g., Bowlby, Piaget, Vygotsky, Kohlberg) as well as more contemporary researchers. A second goal is to enable you to examine for yourself, not just the conclusions that have been reached about development, but also some of the influential experiments and observations that have led to those conclusions.

FAS Divisional Distribution: Social Sciences

EDST 103

Philosophy of Education

M 0830 AM - 1020 AM

Catherine Elgin

Course ID: 218916
2025 Fall (4 Credits)

What is education? What are its goals? Why is education of value? Are these questions that can be settled once and for all, or do their answers depend on historical and cultural factors? In an effort to answer these questions, we will study works of philosophers such as Plato, Rousseau, Wollstonecraft, Du Bois, Washington, and Dewey. Two papers are required. No prerequisites; no previous work in philosophy is required. Open to any student who wants to think seriously about the fundamental nature and purposes of education.

FAS Divisional Distribution: Arts and Humanities

EDST 121

Educational Outcomes in Cross-National and Cross-Cultural Perspectives

R 1030 AM - 1145 AM

Paul Harris

Course ID: 218918
2026 Spring (4 Credits)

A great deal of thinking about the relationship between psychology and education asks what psychology can contribute to the improvement of education. For example, can psychology help to improve the way that we teach reading? Can it help to close the gap in achievement between particular groups? Do preschoolers have ideas or dispositions that help--or hinder--their progress in school? However, one can also ask about the effects of education on psychological processes. There is enormous cross-national and cross-cultural variation in the length and type of education that children receive. A major goal of this course is to help students understand the effects of such variation on the ways that people think--and feel. A secondary goal is to alert students to the ways in which those effects can be measured and to underline the contribution that different methods--experiments, large-scale surveys, and participant observation--can make to our understanding of such effects. The final goal is to underline how educational provision and its impact vary dramatically across the globe. Learning Goals: There is enormous variation in the length and type of education that children receive. A major goal of this course is to help you think about and understand the effects of such variation on the way that children end up thinking - and the values they hold. A secondary goal is to alert you to the ways in which those effects can be measured and to underline the contribution that different methods - small-scale experiments, large surveys, qualitative and observational studies - can make to our understanding of such effects. The final goal is to underline how far educational provision and its impact have varied in the course of history and currently vary across the globe. Career Focus: This course is co-listed at HGSE and The Harvard Chan School of Public Health. It is designed for masters and doctoral level students from across the University who are interested in the design, testing, and implementation of innovative, science-based strategies to promote the healthy development of

young children facing adversity. Aspiring innovators and change agents with an interest in early childhood policy and practice are especially welcome.

No prerequisites; some background in either psychology or international education desirable.

FAS Divisional Distribution: Social Sciences

EDST 124

Foundations of Schooling and Teaching

TR 1030 AM - 1145 AM

Beth Simpson

Course ID: 218921
2026 Spring (4 Credits)

Instructor Permission Required

The purpose of this course is to engage in an in depth investigation of the work of teaching. The course is designed for students who intend to enter the profession of teaching for the first time. Specifically, students will look at teachers' work in relation to students, the curriculum, and the school and the policy settings in which they are situated. This course strikes a balance between understanding focal topics from a theoretical and empirical perspective and investigating them from a practical, more hands on approach. The latter is achieved through the frequent use of case studies, videos of teaching practice, and reference to students' experiences in classroom settings. Permission of instructor required. Enrollment for this course may be limited. Preference given to undergraduate students currently pursuing a secondary in Educational Studies or intending to pursue a secondary in Educational Studies. Open to Ed.M. students. Enrollment procedure will be posted on the course website

FAS Divisional Distribution: Social Sciences

EDST 125

Children with Learning and Developmental Differences

M 1000 AM - 1200 PM

Nadine Gaab

Course ID: 218922
2026 Spring (4 Credits)

Instructor Permission Required

The duration of education is a strong predictor of health and longevity, but approximately 1 in 5 children with learning or attention issues have long-lasting negative consequences related to their academic, social, mental health, vocational, economic outcomes. In the US, over 2 million students struggle with specific learning disabilities (SLD), which represents roughly 35% of all students who receive special education services under the Individuals with Disabilities Education Act. Children with a learning disability are less likely to complete high school or enroll in postsecondary educational programs and have a heightened risk for developing mental health problems such as depression or anxiety. Currently, SLDs are primarily identified and addressed within the education system; however, these students also receive care and support outside of school and are members of various community settings. A streamlined approach that informs the coordination of general education, special education, clinical psychology, policymaking, advocacy, caregivers, and health professionals (e.g., pediatricians, speech-and language pathologists) is often absent and hinders the design of preventive approaches, identification strategies, and service implementation. It further leads to a siloed approach for care and policymaking, lack of community supports. The course will provide a broad overview of learning disabilities and differences, including dyslexia, dyscalculia, attention deficit/hyperactivity disorder, developmental language disorder, and autism spectrum disorder, as well as the relevant policies and educational documentation for these learners. It will then cover the professional stakeholders that should be involved in an evidence-based response to a learning difference, and identify their unique knowledge base, toolset, developmental timeline, and communication strategies, both in the educational/professional environment and the community. Finally, we will focus on barriers and challenges faced by children with learning differences in the academic, professional, and community settings. Throughout the course, students will be provided with both research/evidence-based content and case-based learning opportunities, practical examples, and guest speakers drawn from the community. Class activities will include both synchronous and asynchronous learning activities led by the Instructor (Prof. Nadine Gaab), along with breakout sessions overseen by the instructor and/or Teaching Fellows. This course is divided into thirds and will cover: (1) a broad overview of learning disabilities, educational policies, and service documentation; (2) stakeholders in academic and professional settings, including their unique knowledge base, toolset, developmental timeline, and communication strategies, barriers faced by children with learning differences in these settings, existing solutions to these barriers; and (3) stakeholders in community settings, barriers faced by individuals with learners in these settings, existing solutions to these challenges.

FAS Divisional Distribution: Social Sciences

How might the study of our collective past and present through a comparative, humanizing lens support our ability to contextualize and confront the challenges of our present? This course introduces students to the origins, epistemologies, frameworks, key concepts, and central questions in the field and community of Ethnic Studies, while applying these concepts and questions to our own educational experiences and the various contexts that we navigate. The course begins with an examination and analysis of self and impact of dominant and counter narratives throughout history, which will provide a foundation for the second half of the course when we examine more recent histories and issues faced by communities of color, including the ongoing struggle for Ethnic Studies here at Harvard. Topics will include, but are not limited to: settler colonialism, race, racism, ethnicity, migration, labor, colonialism, social movements, oppression, intergenerational trauma and resilience, white supremacy, power, agency, liberation, intersectionality, community action, healing centered engagement, solidarity, and social change. This course is designed to be both an individual and collective journey that challenges each of us to critically reflect upon what it means to authentically exercise solidarity in ways that actively interrupt oppression and humanize all participants in classrooms, communities, and beyond.

FAS Divisional Distribution: Social Sciences

Adolescence marks change on multiple levels (e.g., biologically, cognitively, and socially) and in multiple contexts (e.g., family, school, community, and peers). In fact, it marks the largest growth period in human development outside of infancy. Driven by enhanced thinking and reasoning capabilities, adolescents struggle with balancing their desires for autonomy and independence with their desires for guidance and connection. These dynamics result in renegotiating family and social relationships and engagement in school, impact the effectiveness of educational practices, and enhance adolescents' ability to think and plan for their future. This course is designed to provide a practical understanding of the developmental issues, assets, and trajectories of adolescent thinking and reasoning. Based in classic and current theory and research and using real problems of practice, students will learn, integrate, and apply knowledge of biological and cognitive development and of identity processes. This course will prepare educational practitioners to integrate developmental approaches to their pedagogy and provide a foundation for those interested in applied research on adolescence. No prerequisites; prior course work in developmental psychology is helpful, but the course is designed for students without a psychology background. Recommended for students who are planning to work directly with adolescents or are planning to engage in applied research with adolescents.

Requires: Must be a declared Educational Studies student or at least a Junior to enroll.

FAS Divisional Distribution: Social Sciences

Education is a universal human activity, but how it is understood and practiced vary widely across cultures. When immersed in our own upbringing and educational experiences, we can easily take our beliefs and practices for granted, while overlooking cross-cultural variation and making inaccurate generalization about people from different backgrounds. That is why it is important to take a cross-cultural approach in the study of education. It not only helps us understand the diversity and universalities in educational practices around the world, but also invites us to see our own experiences in a new light and reflect on how our beliefs about learning, teaching, and parenting have been shaped by our cultural backgrounds. In this course, we will examine the interplay between education and culture, focusing on beliefs and practices in schools and families across various cultures. Specifically, we will investigate how cultural values and assumptions shape parent-child interactions, teacher-student dynamics, teaching and learning approaches, and educational systems. We will also consider how these factors impact child development, student well-being and academic achievement, and the experiences of immigrant and international students.

FAS Divisional Distribution: Social Sciences

EDST 138

Neuroscience and Education: Foundations, Development, and Applications

M 1000 AM - 1200 PM

Nadine Gaab

Course ID: 224531

2025 Fall (4 Credits)

Instructor Permission Required

The field of neuroscience can deliver a biological level of description to better understand how students learn. It can offer an alternative perspective on learning principles, skill development, and learning differences including their underlying etiologies. However, the role of this body of knowledge for developing pedagogical principles, interventions, or public policy, has been debated. Furthermore, this knowledge is often translated into educational contexts, inefficaciously leading to overgeneralizations, myths, and ineffective practices harming students. In this course, students will be introduced to the brain's structure and function, how the it brain changes over time, and the methods used to study the brain and its development and plasticity. Students will further identify and dispel common brain myths in educational contexts and learn to evaluate scientific evidence and approaches related to brain development and 'brain training' programs. Students will then learn about specific domains of development critical in educational contexts, including the acquisition of language, reading and math skills, attention, emotions, social interactions, and how environmental factors can alter developmental trajectories. Students will review both the typical developmental pattern experienced by most children and specific developmental differences and disabilities relevant in educational contexts. The course has a strong translational component and includes specific practical applications of the course content to challenges and demands in educational contexts and policy, which is reflected in the assessments. Class activities will consist of both synchronous and asynchronous learning activities led by the instructor.

FAS Divisional Distribution: Social Sciences

EDST 139

Bilingual Learners: Literacy Development and Instruction

No meeting time listed

Paola Uccelli

Course ID: 224629

2025 Fall (4 Credits)

As the number of children who speak, or are exposed to, more than one language increases in U.S. classrooms and in classrooms around the world, educators at all system levels and across varied settings must be prepared to provide high-quality, rigorous education to ever more linguistically diverse groups of students. Designed for researchers and practitioners, this course focuses on the pressing issues related to bilingual students' language and literacy instruction. The term "bilingual" in this course will be used to refer to a variety of students who have diverse and unequal experiences in more than one language and who speak or hear a language different from the societal language at home, but who might receive bilingual or monolingual instruction at school. The course employs an interdisciplinary perspective, drawing on sociocultural, psycho-linguistic, and educational frameworks of research conducted in the United States and in various international contexts. A number of societal factors related to language, literacy, and academic achievement will be explored: the many modes of being bilingual or multilingual, the role of linguistic minorities in society, the role of educational resources, and the impact of educational policies on bilingual populations. The course will provide opportunities to discuss and investigate the literacy development of bilingual learners, reflect on the important contribution of literacy skills to academic achievement, and learn and reflect about research-based instructional approaches. This course is intended for students who anticipate working with linguistically diverse populations as practitioners, policymakers, or researchers.

FAS Divisional Distribution: Social Sciences

Engineering Sciences

Engineering Sciences

ENG-SCI 24

Flavor Molecules of Food Fermentation: Exploration and Inquiry

MW 0130 PM - 0245 PM

Pia Sorensen

Course ID: 156947

2026 Spring (4 Credits)

Instructor Permission Required

Microorganisms produce a diverse array of specialized small molecules as part of their metabolic processes. In this course we will study the production, properties, and characterization of these molecules through the lens of food fermentation. In particular, we will focus on the small molecules that contribute taste and aroma in fermented foods. Students will experience the scientific inquiry process in a creative way by designing and implementing their own research project based on a fermented food of their choosing. Still a field with much

potential for discovery, interested students are invited to continue their research project in the summer.

Ls1a , LPSA or equivalent; first semester Organic Chemistry recommended but not required.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 26

Course ID: 204471

Humanity and its Futures: AI and Human Cognition

2026 Spring (4 Credits)

T 0945 AM - 1230 PM

Instructor Permission Required

Fawwaz Habbal

This course provides students with an understanding of the complexities surrounding today's most intractable problems and helps them develop methodologies for navigating the challenges they will face. After introducing systems thinking, with a focus on interconnections and feedback loops, the course will address a significant interdisciplinary issue: Artificial Intelligence (AI) and its relationship to human cognition. The study of AI and human cognition is both timely and dynamic. This expansive domain integrates computer science, statistics, big data, cognitive science, psychology, and philosophy. As a transformative technology, AI has achieved remarkable success in understanding natural language and emulating human reasoning, making it invaluable in augmenting human cognition. Despite these advances, many questions remain about the nature of AI and its relationship with human thought. This course invites participants to explore these questions through an intellectual journey. Students will engage in discussions on systems and paradigms, the essence of intelligence, computational approaches, mind and machine metaphors, cognitive biases in AI, and the role of AI in creativity and intuition. The course emphasizes collaborative learning, with students working in teams to learn from each other, as well as from lectures and selected literature. Each lecture will be paired with research papers and books, followed by a discussion session. The topics covered in the course are listed in the syllabus. Each will include an overview of the issue and its significance. Students will apply systems thinking and a multidisciplinary approach to analyze and critique each topic. By the end of the course, students will have developed a strong framework for multidisciplinary discussions, gained a deep understanding of AI's power, limitations, and risks, and explored its technical building blocks through hands-on exercises. Additionally, students will experience the value of collaboration and the importance of diversity while working in diverse teams.

Course Note: ES 26 is also offered as ES 294 (for graduate students). Students may not take both for credit. The combined cap for ES 26 and ES 294 is 25 students.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 30

Course ID: 224733

Startups: From Idea to Exit

2025 Fall (4 Credits)

W 1200 PM - 0245 PM

Josh Lerner, Spencer Rascoff

This course explores the stages of a startup business, from idea generation through its scaling stage through its eventual exit. Students will learn how to assess a startup idea, how to raise capital, how to grow teams, how to manage the company through adversity, and how to successfully sell a company. Based on two acclaimed courses at Harvard Business School – "Launching Tech Ventures" and "Scaling Tech Ventures" – the class is half lecture and half panel discussion and student presentations. Classes will draw from Professor Rascoff's extensive startup experience (Zillow, Hotwire, Pacaso, Match Group) and several industry experts will join the class sessions.

Course Note: This course was previously offered as ES134. Please review the Canvas Course Site for information on petitions and enrollment.

FAS Divisional Distribution: None

ENG-SCI 31

Course ID: 226753

Startup Financing: From Bootstrapping to Venture Capital

2026 Spring (4 Credits)

T 1200 PM - 0245 PM

Instructor Permission Required

Josh Lerner, Richard Bennett

Entrepreneurial businesses, particularly those involving advanced scientific and engineering elements, face daunting challenges while raising money. First, the financing structures used are frequently complex, with terminology that obscures rather than clarifies their basic features. Second, many founders do not understand the strategic tradeoffs associated with funding businesses through bootstrapping, customer financing, angels, and/or venture capital. Finally, financing markets change rapidly over time and vary across industries, frequently leading to inflated expectations and disappointments. This class will shed light on this challenging territory,

highlighting how great startups are funded. While primarily intended for aspiring entrepreneurs, it should also be of interest to students who seek to be involved with funding entrepreneurial firms, whether in a role at a venture firm, investment bank, or incubator.

ES 30 (formerly ES 134) recommended.

ENG-SCI 50

Introduction to Electrical Engineering

MW 1115 AM - 1230 PM

Marko Loncar

The main course objectives are to introduce students to the exciting and powerful world of electrical engineering and to explain how gadgets that we use every day actually work. After taking ES 50, you will be able to leverage the power of electricity to build systems that sense, control and program the physical world around you. Examples include intelligent and autonomous systems (robots), audio amplifiers (e.g. guitar amp), interactive art installations, light-shows, mind-controlled machines, and so on.

Enthusiasm, curiosity and desire to build things! Previous engineering or programming experience is NOT needed. The amount of high school physics required is minimal, and is limited to basic concepts only.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 51

Computer-Aided Machine Design

MWF 1115 AM - 1230 PM

Seymur Hasanov

Course ID: 148434

2025 Fall (4 Credits)

Instructor Permission Required

An introductory course in the design, fabrication, and assembly of mechanical and electromechanical devices. Topics include: Engineering graphics and tolerances; Structural design and material selection; Machine elements and two-dimensional mechanisms; DC motors; Design methodology. Emphasis on hands-on work and team design projects using professional solid modeling CAD software and numerically controlled machine tools.

Course Note: Intended for first-years and sophomores.

High school calculus; high school physics.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 53

Quantitative Physiology as a Basis for Bioengineering

MWF 1115 AM - 1230 PM

Linsey Moyer

Course ID: 122339

2025 Fall (4 Credits)

This course is designed as an introduction to thinking as a bio/biomedical engineer and is recommended for first years and sophomores but open to all students. Simple mathematical models are used to represent key aspects of organ systems function. Core engineering concepts are explored through mechanical and electrical examples within the human body. The primary focus is on quantitative descriptions of organ systems function and control in terms of physical principles and physiologic mechanisms. It includes a foundation in human organ systems physiology, including cardiovascular, pulmonary, and renal systems. Emphasis will be given to understanding the ways in which dysfunction in these systems gives rise to common human disease processes.

Course Note: Open to first-year students. Course includes a 3-hour lab section once per week.

Calculus at the high school level

Requires: Co-req or pre-req: Applied Physics 50a OR Applied Physics 50b OR Physical Sciences 12a OR Physical Sciences 12b OR Physics 15a OR Physics 15b OR PHYSCI 2 OR PHYSCI 3

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 91R

Supervised Reading and Research

Course ID: 109477

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Katia Bertoldi, Chris Lombardo, Linsey Moyer, Bryan Yoon, Bryan Yoon

Guided reading and research.

Course Note: An ES91r project must possess engineering content at a level similar to other technical engineering courses at SEAS and include many, but not necessarily all, of the following elements: modeling, simulation, design, measurement, and data analysis.

Normally open to candidates accepted for work on a specific topic by a member of the faculty of the School of Engineering and Applied Sciences. Normally may not be taken for more than two terms; may be counted for concentration in Engineering Sciences with prior approval and if taken for graded credit. Applicants must file a project application form prior to the course registration deadline to receive permission to enroll. Project application forms may be obtained from the SEAS website or the Office of Academic Programs, SEC 1.101.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 91R

Course ID: 109477

Supervised Reading and Research

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Katia Bertoldi, Chris Lombardo, Linsey Moyer, Bryan Yoon, Bryan Yoon

Guided reading and research.

Course Note: An ES91r project must possess engineering content at a level similar to other technical engineering courses at SEAS and include many, but not necessarily all, of the following elements: modeling, simulation, design, measurement, and data analysis.

Normally open to candidates accepted for work on a specific topic by a member of the faculty of the School of Engineering and Applied Sciences. Normally may not be taken for more than two terms; may be counted for concentration in Engineering Sciences with prior approval and if taken for graded credit. Applicants must file a project application form prior to the course registration deadline to receive permission to enroll. Project application forms may be obtained from the SEAS website or the Office of Academic Programs, SEC 1.101.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 94

Course ID: 217639

Entrepreneurship and Innovation: Case Study Perspectives

2026 Spring (4 Credits)

MW 1115 AM - 1230 PM

Instructor Permission Required

Josh Lerner, George Clay

Entrepreneurship is increasingly transforming our society and economy. This course aims to provide for undergraduates an introduction to entrepreneurship and its implications for innovation. The class will primarily consist of case study discussions but will also include some traditional lecture sessions to provide necessary background for the case discussions. It draws primarily on materials from the introductory MBA course at Harvard Business School, The Entrepreneurial Manager (TEM). It is designed for students interested in entrepreneurship, as well as those interested in studying business from a case study perspective.

Course Note: Please review the Canvas Course Site for information on petitions and enrollment.

ES30 is helpful but not required.

FAS Divisional Distribution: None

ENG-SCI 94 (002)

Course ID: 217639

Entrepreneurship and Innovation: Case Study Perspectives

2026 Spring (4 Credits)

MW 1245 PM - 0200 PM

Instructor Permission Required

George Clay, Josh Lerner

Entrepreneurship is increasingly transforming our society and economy. This course aims to provide for undergraduates an introduction to entrepreneurship and its implications for innovation. The class will primarily consist of case study discussions but will also include some traditional lecture sessions to provide necessary background for the case discussions. It draws primarily on materials from the introductory MBA course at Harvard Business School, The Entrepreneurial Manager (TEM). It is designed for students interested in entrepreneurship, as well as those interested in studying business from a case study perspective.

Course Note: Please review the Canvas Course Site for information on petitions and enrollment.

ES30 is helpful but not required.

FAS Divisional Distribution: None

ENG-SCI 95R

Startup R & D

M 0345 PM - 0630 PM

Paul Bottino

Course ID: 109272

2025 Fall (4 Credits)

Instructor Permission Required

Students do field-based work in entrepreneurship to develop their existing startup and explore new ideas and opportunities for startup creation. The course is for student-founders seeking to advance their innovation experience in a supportive community of peer founders. Students may work individually; teams with a working history are preferred. Requires self-directed, independent work and active outreach to mentors, customers, and partners for guidance and feedback in addition to that provided by the instructor and teaching staff. Students share their work regularly and engage in a peer-to-peer feedback forum. Coursework is customized to the needs of each student and their startup role and includes development of product, technology, market, business, organization and leadership. See: <https://tech.seas.harvard.edu/rad> to apply for instructor permission to enroll.

Course Note: Enrollment limited; permission of instructor required.

FAS Divisional Distribution: None

ENG-SCI 95R

Startup R & D

M 0345 PM - 0630 PM

Paul Bottino

Course ID: 109272

2026 Spring (4 Credits)

Instructor Permission Required

Students do field-based work in entrepreneurship to develop their existing startup and explore new ideas and opportunities for startup creation. The course is for student-founders seeking to advance their innovation experience in a supportive community of peer founders. Students may work individually; teams with a working history are preferred. Requires self-directed, independent work and active outreach to mentors, customers, and partners for guidance and feedback in addition to that provided by the instructor and teaching staff. Students share their work regularly and engage in a peer-to-peer feedback forum. Coursework is customized to the needs of each student and their startup role and includes development of product, technology, market, business, organization and leadership. See: <https://tech.seas.harvard.edu/rad> to apply for instructor permission to enroll.

Course Note: Enrollment limited; permission of instructor required.

FAS Divisional Distribution: None

ENG-SCI 96

Engineering Problem Solving and Design Project

MW 0945 AM - 1230 PM

David Mooney

Course ID: 144983

2025 Fall (4 Credits)

Instructor Permission Required

Semester-long team-based project providing experience working with clients on complex multi-stakeholders real problems. Course provides exposure to problem definition, problem framing, qualitative and quantitative research methods, modeling, generation and co-design of creative solutions, engineering design trade-offs, and documentation/communication skills. Ordinarily taken in the junior year.

Course Note: Preference given to SB candidates.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 96

Engineering Problem Solving and Design Project

MW 1245 PM - 0330 PM

Samir Mitragotri, Chris Lombardo, Kelly Miller

Course ID: 144983

2026 Spring (4 Credits)

Instructor Permission Required

Semester-long team-based project providing experience working with clients on complex multi-stakeholders real problems. Course provides exposure to problem definition, problem framing, qualitative and quantitative

research methods, modeling, generation and co-design of creative solutions, engineering design trade-offs, and documentation/communication skills. Ordinarily taken in the junior year.

Course Note: Preference given to SB candidates.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 100HFA

Engineering Design Projects

T 0215 PM - 0330 PM

Katia Bertoldi

Course ID: 144350
2025 Fall (2 Credits)

Instructor Permission Required

Individual engineering design projects which demonstrate mastery of engineering knowledge and techniques. Each student will pursue an appropriate capstone project which involves both engineering design and quantitative analysis. This culminates in a final oral presentation and final report/thesis. Students must complete both parts of this course, fall and spring, in order to receive credit.

Course Note: Ordinarily taken in the senior year. Students are expected to have an approved project submitted to the course by the Limited Enrollment Course Petitions deadline (April 8, 2025 for fall 2025) in the spring semester preceding actual enrollment. Formal project approval rests with the project advisor and the ES100 teaching staff. The course includes weekly required lectures at the Tuesday time and classroom listed above (fall only) and weekly section on Thursday (fall and spring) in locations to be posted on Canvas.

Requires: Pre-Requisite: ENG-SCI 96 OR ENG-SCI 227

Full Year Course: Indivisible Course

FAS Divisional Distribution: None

ENG-SCI 100HFB

Engineering Design Projects

No meeting time listed

Katia Bertoldi

Course ID: 160553
2026 Spring (2 Credits)

Individual engineering design projects which demonstrate mastery of engineering knowledge and techniques. Each student will pursue an appropriate capstone project which involves both engineering design and quantitative analysis. This culminates in a final oral presentation and final report/thesis. Students must complete both parts of this course, fall and spring, in order to receive credit.

Course Note: Ordinarily taken in the senior year. Students are expected to have an approved project submitted to the course by the Limited Enrollment Course Petitions deadline in the spring semester preceding actual enrollment. Formal project approval rests with the project advisor and the ES100 teaching staff. The course includes weekly required lectures (fall only) and weekly section (fall and spring).

Requires: Pre-requisite: ENG-SCI 100HFA

Full Year Course: Indivisible Course

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 105HFR

Humanitarian Design Projects

T 0600 PM - 0715 PM

Chris Lombardo

Course ID: 208045
2025 Fall (2 Credits)

Instructor Permission Required

Multi-year long team projects that provide an engineering experience working with partner communities on real-world problems. Projects provide exposure to problem definition, quantitative analysis, modeling, generation of creative solutions utilizing appropriate technology, engineering design trade-offs, and documentation/communication skills. These projects will be implemented with our project partners after the appropriate design and approvals have been obtained.

Course Note: This course is part of a two-semester sequence. Students are strongly encouraged to enroll in ENG-SCI 105HFR in two consecutive semesters. Enrollment limited. This course was formerly offered as ENG-SCI 91HFR.

FAS Divisional Distribution: None

Humanitarian Design Projects

2026 Spring (2 Credits)

T 0600 PM - 0715 PM

*Instructor Permission Required**Chris Lombardo*

Multi-year long team projects that provide an engineering experience working with partner communities on real-world problems. Projects provide exposure to problem definition, quantitative analysis, modeling, generation of creative solutions utilizing appropriate technology, engineering design trade-offs, and documentation/communication skills. These projects will be implemented with our project partners after the appropriate design and approvals have been obtained.

Course Note: This course is part of a two-semester sequence. Students are strongly encouraged to enroll in ENG-SCI 105HFR in two consecutive semesters. Enrollment limited. This course was formerly offered as ENG-SCI 91HFR.

FAS Divisional Distribution: None

Introduction to Scientific Computing

2025 Fall (4 Credits)

TR 1200 PM - 0115 PM

Sarah Iams

Many science and engineering problems don't have simple analytical solutions or even accurate analytical approximations. Scientific computing can address certain of these problems successfully, providing unique insight. This course introduces some of the widely used techniques in scientific computing through examples chosen from physics, chemistry, biology, computer science and other fields. The purpose of the course is to introduce methods that are useful in applications and research and to give the students hands-on experience with these methods. The main programming language will be Python.

Course Note: Engineering Sciences 111 is also offered as Applied Mathematics 111. Students may not take both for credit. Undergraduate Engineering Students should enroll in Engineering Sciences 111.

Mathematics 1b, 21a, and 21b

Requires: Pre Req: APMTH 10, COMPSCI 32, or COMPSCI 50.

Anti-Req: Students may not take APMTH/ES 111 after APMTH 205 or simultaneously with APMTH 205.

FAS Divisional Distribution: Science & Engineering & Applied Science

Thermodynamics

2026 Spring (4 Credits)

MW 1200 PM - 0115 PM

*Instructor Permission Required**Scot Martin*

Fundamental concepts and formalisms of conservation of energy and increase of entropy as applied to natural and engineered environmental and biological systems. In addition to lectures, pedagogical approach includes real-world observations and applications through student presentations and projects.

Course Note: ES 112 is also offered as EPS 112. Students may not take both for credit. Undergraduate engineering students should enroll in ES 112. Total class capacity of 18 includes students in both ES 112 and EPS 112. Please see course page for lottery instructions.

FAS Divisional Distribution: Science & Engineering & Applied Science

Mathematical Modeling

2025 Fall (4 Credits)

TR 1030 AM - 1145 AM

Michael P. Brenner

Abstracting the essential components and mechanisms from a natural system to produce a mathematical model, which can be analyzed with a variety of formal mathematical methods, is perhaps the most important, but least understood, task in applied mathematics. This course approaches a number of problems without the prejudice of trying to apply a particular method of solution. Topics drawn from biology, economics, engineering, physical and social sciences.

Course Note: Engineering Sciences 115 is also offered as Applied Mathematics 115. Students may not take both for credit. Undergraduate Engineering Students should enroll in Engineering Sciences 115.

Prerequisite: Applied Mathematics 21a and 21b, or Mathematics 21a and 21b or permission of instructor. Taking APMTH 105 OR APMTH 108 OR APMTH 104 OR MATH 112 OR STAT 110 before taking APMTH 115 is recommended but not required.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 115

Mathematical Modeling

TR 1030 AM - 1145 AM

Zhiming Kuang

Abstracting the essential components and mechanisms from a natural system to produce a mathematical model, which can be analyzed with a variety of formal mathematical methods, is perhaps the most important, but least understood, task in applied mathematics. This course approaches a number of problems without the prejudice of trying to apply a particular method of solution. Topics drawn from biology, economics, engineering, physical and social sciences.

Course Note: Engineering Sciences 115 is also offered as Applied Mathematics 115. Students may not take both for credit. Undergraduate Engineering Students should enroll in Engineering Sciences 115.

Prerequisite: Applied Mathematics 21a and 21b, or Mathematics 21a and 21b or permission of instructor. Taking APMTH 105 OR APMTH 108 OR APMTH 104 OR MATH 112 OR STAT 110 before taking APMTH 115 is recommended but not required.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 120

Introduction to the Mechanics of Solids

TR 1030 AM - 1145 AM

Mark Coughlin

A first course in the mechanical sciences that introduces elements of continuum mechanics and explains how materials and structures stretch, bend, twist, shake, buckle, and break. Definitions of stress and strain. Strain-displacement relations. Stress-strain behavior of materials. Torsion, beam theory with applications to beam deflections, buckling, and energy methods. Statically determinate and indeterminate structures. Three laboratory sessions required. Strong emphasis on analytical skills and mathematics.

Prerequisite: Mathematics 21a or Applied Mathematics 21a (or equivalent, previously); and Physical Sciences 12a, Physics 15a, or Applied Physics 50a (previously); and Mathematics 21b or Applied Mathematics 21b (or equivalent, previously or concurrently). Working knowledge of trigonometry, linear algebra, analytical integration, and differential equations.

Requires: Prerequisite: Math 21a or Applied Math 21a (or equivalent); AND Physical Sciences 12a, Physics 15a, or Applied Physics 50a; AND Co-requisite: Math 21b or Applied Math 21b (or equivalent)

FAS Divisional Distribution: Science & Engineering & Applied Science

Quantitative Reasoning with Data: Yes

ENG-SCI 121

Introduction to Optimization: Models and Methods

MWF 1200 PM - 0115 PM

Margo Levine

This course provides an introduction to basic mathematical ideas and computational methods for optimization. Topics include linear programming, integer programming, branch-and-bound, branch-and-cut, as well as first-order gradient-based methods with an emphasis on modeling and data science applications.

Course Note: Engineering Sciences 121 is also offered as Applied Mathematics 121. Students may not take both for credit. Undergraduate Engineering Students should enroll in Engineering Sciences 121.

Mathematics 21b or equivalent preparation in linear algebra. Basic programming.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 156288

2025 Fall (4 Credits)

Instructor Permission Required

Introduction to Fluid Mechanics and Transport Processes

MWF 0900 AM - 1015 AM

Zachary Schiffer

Atomistic-Mesoscale-Continuum Fluids and Flows; Dimensional Analysis; Diffusion and Heat Transfer Processes; Fluid kinematics; Eulerian and Lagrangian descriptions of Flows; Mass conservation and potential flows; Momentum conservation and the Navier-Stokes equations; Vorticity and Vortices; Lift and Drag in Aerodynamics; Flows in Pipes and Channels; Elementary concepts of Turbulent flows.

In addition to course prerequisites listed below, programming expertise (to the level of AM10) is highly recommended.

Requires: Prerequisite: (Applied Math 21a or Math 21a or equivalent) AND (Applied Math 21b or Math 21b or equivalent) AND (APPHY 50a or PHYSCI 12a or Physics 15a)

FAS Divisional Distribution: Science & Engineering & Applied Science

Mechanical Systems

MW 1245 PM - 0200 PM

Robert Wood

Modeling and analysis of mechanical systems. Topics include 3D rigid body dynamics, resonance, damping, frequency response, Laplace transform methods, Lagrange's equations, multiple degree-of-freedom systems and an introduction to control and continuous systems. Analytical modeling will be supplemented with numerical simulations and lab experiments. Laboratory exercises will explore vibration, and stabilization using data acquisition systems.

Requires: Prerequisite: Math 21a and 21b (or equivalents); and Physical Sciences 12a (or equivalent)

FAS Divisional Distribution: Science & Engineering & Applied Science

Computational Solid and Structural Mechanics

TR 0900 AM - 1015 AM

Katia Bertoldi

Introduction to finite element methods for analysis of steady-state and transient problems in solid and structural mechanics. Implementation of simple MATLAB codes and use of existing general-purpose software (ABAQUS). Final project offers opportunities to extend focus to fluid mechanics and heat transfer and to explore additional software (e.g. COMSOL, FEniCS), if desired.

Course Note: Offered alternate years.

Engineering Sciences 120 or equivalent introduction to the mechanics of deformable materials.

FAS Divisional Distribution: Science & Engineering & Applied Science

Innovation in Science and Engineering: Conference Course

TR 0130 PM - 0245 PM

David Ricketts

This class integrates perspectives from leading innovators with collaborative practice and theory of innovation to teach and inspire you to be more innovative in your life and career. Our approach is to engage with leaders and learn their perspectives and align this with innovation sprints where you learn the best tools, processes, and methods to innovate. You can see a course overview here <https://youtu.be/CqfvXf33TCE>. Find out more information on Instagram @engsci139 or <https://www.instagram.com/engsci139/>

Course Note: Offered jointly with the Design School as SCI-6272.

The course will be taught in two sessions per week, each with a different focus. One session will focus on Innovation Perspective and often contain guest lectures by innovators. The second session will focus on Innovation Practice and will contain interactive group work, case studies, and other educational formats about specific innovation ideas and tools. These may be taught on different days or both days, with first-half Perspective and second-half Practice.

The course will be held in person. Some classes may be held at alternative times depending on the schedule of guest speakers.

Requires: Anti-Req: May not be taken for credit if ENG-SCI 239 already complete

FAS Divisional Distribution: None

ENG-SCI 143

Computer Vision

TR 0945 AM - 1100 AM

Todd Zickler

An introduction to the mathematical, optical, and computational foundations of computer vision, with a focus on applications in augmented reality and robotic perception. Topics include: camera optics, digital color photography pipelines, multi-camera geometry, image processing and manipulation, simultaneous localization and mapping, lighting and material estimation, and 3D scanning. Emphasis on combining mathematical modeling with robust algorithms for solving ill-posed problems.

Applied Mathematics 22a or Mathematics 21b, Computer Science 51 or 61.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 216372

2025 Fall (4 Credits)

ENG-SCI 150

Probability with Engineering Applications

TR 0945 AM - 1100 AM

Yue Lu

This course introduces the fundamentals of probability theory for parameter estimation and decision making under uncertainty. It considers applications to information systems as well as other physical and biological systems. Topics include: discrete and continuous random variables, conditional expectations, Bayes' rules, laws of large numbers, central limit theorems, Markov chains, Bayesian statistical inferences, and parameter estimations.

Requires: Prerequisite: (Applied Math 21a or Math 21a or equivalent) AND Corequisite: (Applied Math 21b or Math 21b or equivalent)

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 116859

2026 Spring (4 Credits)

ENG-SCI 151

Applied Electromagnetism

MW 1245 PM - 0200 PM

Evelyn Hu

Electromagnetism and its applications in science and technology. Topics: Maxwell's equations; electromagnetic waves (e.g., light, microwaves, etc.); wave propagation through media discontinuity; transmission lines, waveguides, and microwave circuits; radiation and antennae; interactions between electromagnetic fields and matters; optics of solids; optical devices; origin of colors; interference and diffraction; lasers and masers; nuclear magnetic resonance and MRI; radio astronomy; wireless networking; plasmonic wave (charge density wave).

Course Note: This course will include a few short laboratory sessions.

Very useful to have had some introduction to basic electromagnetism as well as physics (Applied Physics 50b, Physical Sciences 12b, or 15b or equivalent), and basic vector calculus (Math 21a or equivalent).

Requires: Prerequisite: Math 21a (or equivalent); and Physical Sciences 12a and 12b, Physics 15a and 15b, or Applied Physics 50a and 50b

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 143005

2026 Spring (4 Credits)

ENG-SCI 152

Circuits, Devices, and Transduction

MW 0215 PM - 0330 PM

Gage Hills

This course introduces the fundamentals of circuit theory for the analysis of electrical circuits and the

Course ID: 207597

2025 Fall (4 Credits)

fundamentals of semiconductor devices for the understanding of transistors circuits and other useful actuators and sensors (i.e., transducers). Building on the principles from these two core fundamental areas of electrical engineering, the analog behavior of electronic circuits and physical devices will be modelled, analyzed, and applied. Lab assignments will focus on the design, implementation, and measurement of analog electronic circuits using real electrical components which interface to the physical world. This course complements and forms the basis for many of the abstractions that are used in digital computing systems such as in COMPSCI 1410 (formerly 141), COMPSCI 1411 (formerly 146), and COMPSCI 1480 (formerly 148).

Requires: Prerequisite: Math 1a and 1b; AND Co-requisite: Physical Sciences 12b or Physics15b or Applied Physics 50b

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 155

Systems and Control

TR 1245 PM - 0200 PM

Na Li

This course and its follow-on course ENG-SCI 156 concern the fundamentals of information systems in the real world. Together they provide a comprehensive foundation in signal processing, systems design and analysis, control, and communications, while also introducing key linear-algebraic concepts in the context of authentic applications. The first course, ENG-SCI 155, focuses on the basic principles of feedback and its use as a tool for inferring and/or altering the dynamics of systems under uncertainty. Topics include linear algebra, the elemental representations of dynamic systems, stability analysis, the design of estimators (e.g., Kalman Filter) and feedback controllers (e.g., PID and Optimal Controller). The class includes both the practical and theoretical aspects of the topic.

Applied math 21a, b or Math 21a, b or equivalent are encouraged to be taken concurrently but not required. Additional sections and materials of linear algebra will be provided in the course.

Requires: Prerequisite: Math 1a and Math 1b

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 156

Signals and Communications

TR 1115 AM - 1230 PM

Flavio du Pin Calmon

This course is a follow-on to ENG-SCI 155 and continues to develop the fundamentals of information systems in the real world. It focuses on the analysis and manipulation of signals in the time and frequency domains in the context of authentic applications. Topics include: the sampling theorem, convolution, and linear input-output systems in continuous and discrete time. Further, students are introduced to transforms—including Fourier, discrete cosine, wavelet, and PCA / SVD 'transforms'—that map between vector spaces via matrix multiplication as a method to ease analysis provided conditionalized knowledge. Randomness, noise, and filtering. Waves and interference in the context of communications; antennae, phasors, modulation, multiplexing. Applications in communications and data science.

Applied Mathematics 21b or Mathematics 21b.

Requires: Prerequisite: Math 21a and Math 21b (or equivalents), or Applied Math 22a

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 157

Biological Signal Processing

TR 1115 AM - 1230 PM

Demba Ba

This is the first course on Biological Signal Processing, the science of collection, representation, manipulation, transformation, storing of biological signals, and the use of modern scientific computing tools (Python, Jupyter notebooks) to interpret biological signals and tell engaging and informative stories using biological data. The signals of interest can be deterministic, semi-periodic, transient, random, stationary, non-stationary, etc., depending on their source and generation mechanism. We will use EEG, EKG, temperature data, neural spiking data, and data from Covid-19 as examples. Our focus will be on foundational signal processing concepts that can be applied in a variety of biological applications. Examples include the Fourier Transform, Principal Component Analysis, Clustering, etc. Applications include those to patient monitoring, diagnostics, patient

Course ID: 109358
2025 Fall (4 Credits)

prognostics, online monitoring, and the computation of wellness measures. For many of us, one frustrating aspect of Covid-19 is our inability to understand figures that are reported, such as infection rates and numbers. We will introduce you to a powerful suite of mathematical and scientific computing tools will enable you to evaluate and make decisions based on evidence and data.

It is helpful, but not necessary, for students to have taken Engineering Sciences 150 or 156 prior to Engineering Sciences 157.

Requires: Prerequisite: Math 21a and Math 21b (or equivalents)

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 158

Introduction to Optimal Control and Reinforcement Learning

MW 0215 PM - 0330 PM

Heng Yang

This course covers optimal control and reinforcement learning for dynamical systems, with a strong emphasis on robotic applications such as quadrupeds and humanoids. The first half focuses on optimal control for systems with known, potentially nonlinear dynamics. Students will learn the fundamentals of dynamic programming and the linear quadratic regulator (LQR) before delving into trajectory optimization and model predictive control (MPC) for nonlinear systems, which emphasizes numerical optimization techniques for synthesizing complex motions. The second half explores reinforcement learning (RL) for systems with unknown dynamics. Topics include both model-free and model-based RL algorithms such as proximal policy optimization (PPO), actor-critic methods, and model-based policy optimization, with a focus on continuous state and action spaces. Additional topics may include Lyapunov analysis, vision-based feedback control, and advanced convex optimization. The course prioritizes computational algorithms over theoretical analysis, equipping students with practical tools for solving complex control problems. Assignments involve programming in Python and MATLAB to control simulated dynamical systems in MuJoCo and other environments.

Course Note: Engineering Sciences 158 is also offered as Applied Mathematics 158. Students may not take both for credit. Undergraduate Engineering Students should enroll in Engineering Sciences 158.

Familiarity with linear algebra, probabilistics, calculus, and programming (Matlab, Python, etc.). Knowledge about control theory (ES 155) and optimization (AM/ES 121) is recommended.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 159

Introduction to Robotics

TR 1115 AM - 1230 PM

Robert D. Howe

Introduction to computer-controlled robotic manipulators. Topics include coordinate frames and transformations, forward and inverse kinematic solutions to open-chain manipulators, the Jacobian, dynamics and control, and motion planning. In addition, special topics will be introduced such as computer vision, soft robotics, surgical robots, MEMS and microrobotics, and biomimetic systems. Laboratory exercises will provide experience with industrial robot programming and robot simulation and control.

Course Note: Laboratory will scheduled after classes begin, based on students' and course staff's availability. Eng-Sci 159 is also listed as Eng-Sci 259. Students may not take both for credit. Graduate students must enroll in 259. The material in 259 is the same as in 159, but with additional problems on the problem sets and a final project.

**Linear algebra and multivariable calculus: matrix operations, positive definiteness of a matrix, determinants, complex numbers, eigenvalues and eigenvectors, partial derivatives and integration (e.g., Mathematics 21a,b, Mathematics 22a,b, Mathematics 25a,b, Applied Mathematics 22a,b). *Introductory mechanics: free-body diagrams with masses, springs, and dampers, vector forces and vector torques (e.g., Physics 15a, Physics 16, Physical Sciences 12a, Applied Physics 50a,b). *Programming experience (e.g., CS 50; MATLAB recommended).*

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 170

Engineering Quantum Mechanics

MW 1030 AM - 1145 AM

Course ID: 207088
2025 Fall (4 Credits)

This course will introduce fundamental concepts in quantum mechanics and the associated mathematical frameworks crucial for comprehending emerging quantum technologies, notably quantum computing and the broader field of quantum information science. The central theme of this course revolves around the concept of spin. Students will explore topics such as spin behavior in magnetic fields, interactions between spins, spin measurement, the impact of environmental factors on spins, and more. Through this spin-centric approach, the course will elucidate various quantum mechanical concepts, including uncertainty, superposition, and entanglement. Most importantly, it will equip students with an understanding of how spin states can function as qubits, the fundamental units of quantum information. Additionally, the course will survey the latest advancements in qubit technologies, delving into their underlying physical quantum states, hardware implementations, and evaluations of their resilience against external influences.

Basic linear algebra and calculus background at the level of Math 21a (multivariable calculus), Math 21b (linear algebra), or AM 22a.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 176

Course ID: 127589
2025 Fall (4 Credits)

Introduction to Microelectromechanical Systems

TR 1030 AM - 1145 AM

Instructor Permission Required

Fawwaz Habbal

The goal of this multidisciplinary course is to enable students to learn how to create miniaturized devices. In addition to the weekly lectures, hand-on activities will lead students to become capable of creating micro-nano devices. Students will understand the physics of sensors and actuators, become familiar with thin-film fabrication technologies, and understanding how these concepts were commercialized. Learning is in small teams – together, students design, simulate, build, edit, discuss, and critique their work. Students will make basic structures using lithography, deposition, and etching. Next, they integrate such structures to create, testable, devices. At the end of the semester, they reverse-engineer some commercial devices and reflect on their fabrication and function.

Course Note: ES 176 is also offered as ES 276. Students may not take both for credit. Students who enroll in ES 176 will learn similar content as students who enroll in ES 276 but may have fewer demanding experiments. Course includes an active learning component of labs and simulations, usually on Thursdays. Students will also use CNS on per demand bases.

Applied Physics 50a,b, Physical Sciences 12a,b, Physics 11a,b (no longer offered) or 15a,b; College Chemistry at the level of Life Sciences 1a and Physical Sciences 1.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 177

Course ID: 109356
2026 Spring (4 Credits)

Microfabrication Laboratory

M 0945 AM - 1145 AM

Kiyoul Yang

The course provides introduction to micro- and nano-fabrication processes used to realize photonic, electronic and mechanical devices. Lectures will introduce the state-of-the-art semiconductor fabrication processes, including lithography, deposition of metals and dielectrics, etching, oxidation, implantation, and diffusion of dopants. The fabrication component of the course will be carried out in a state-of-the-art cleanroom in the Center for Nanoscale Systems, where students will fabricate several electronic and photonic devices, including transistors, light-emitting diodes (LEDs), lasers and optical resonators. Device characterization will be performed in a state-of-the-art teaching labs in SEC in Allston.

Course Note: Course also includes a 4-hour lab session each week.

Requires: Prerequisite: (Applied Physics 50a OR Physical Sciences 12a OR Physics 15a) AND (Applied Physics 50b OR Physical Sciences 12b OR Physics 15b)

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 181

Course ID: 135598
2025 Fall (4 Credits)

Engineering Thermodynamics

MW 0300 PM - 0415 PM

Zhigang Suo

Basic algorithm of thermodynamics. Entropy. Energy, space, matter. Free energy. Isolated, thermal, closed, open systems. Refrigerators and power cycles. Chemical Reactions. Phase and chemical equilibrium in multicomponent systems; chemical potential. Batteries, fuel cells. Laboratory included.

Course Note: Course includes three labs during term. Students should refer to the Canvas site for details and to sign up.

High school AP chemistry or higher.

Requires: Prerequisite: Physical Sciences 12a, Physics 15a, or Applied Physics 50a

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 183

Introduction to Heat Transfer

TR 1245 PM - 0200 PM

David Clarke

The macroscopic description of the fundamentals of heat transfer and their application to practical problems in energy conversion, electronics and living systems with an emphasis on developing a physical and analytical understanding of conductive, convective and radiative heat transfer. Emphasis will be given to problem solving skills based on applying governing principles, mathematical models and physical intuition. Topics include: steady state heat conduction in 1, 2 and 3D; transient heat conduction in 1D and 3D; introduction to convective heat transfer, forced convection as well as free convection; heat exchange analysis and design; elements of radiative heat transfer. There will be an emphasis on physical basis of heat transfer with mathematical description where appropriate, as well as using commercially available computer COMSOL software. Course includes (i) classes and problem sets, (ii) COMSOL simulations and (iii) a semester-long, multi-disciplinary team project.

Requires: Prerequisite: (Applied Math 21a or Math 21a or equivalent) AND (Applied Math 21b or Math 21b or equivalent) AND (APPHY 50a or PHYSIC 12a or Physics 15a)

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 190

Introduction to Materials Science and Engineering

TR 0900 AM - 1015 AM

Boris Kozinsky

Introduction to the structure, property, and application of materials. Crystal structure and defects. Structure property relation and crystal symmetry. Phase transformation, phase diagram, diffusion. Principles and examples for a variety of engineering applications of electrical, optical, and especially energy storage and conversion materials.

Math 21a and 21b (or equivalents).

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 192

Materials Selection and Design

TR 1245 PM - 0200 PM

Seymur Hasanov

The repertoire of materials available to engineers today and embodied in engineering systems includes tens of thousands of different materials, as well as naturally occurring ones. This course addresses why specific materials are selected for particular applications and the rational basis for their selection. The course is intended to serve as an introduction to the principles and methodology of selecting materials for engineering components based on the functionality and purpose of the component in different system applications and operating environments. The selection specification includes satisfying a variety of objectives, such as minimizing weight, cost (financial as well as environmental), end of life recycling and material scarcity.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 108871

2026 Spring (4 Credits)

Course ID: 143870

2026 Spring (4 Credits)

Course ID: 216405

2026 Spring (4 Credits)

Advanced Engineering Quantum Mechanics

MW 0300 PM - 0415 PM

Marko Loncar

The focus of this course is on the basic principles involved in the control of quantum systems and assumes knowledge of undergraduate quantum mechanics. Schrödinger, Heisenberg and interaction representations. Eigenvalue and time dependent problems, wave packets, coherent states. Harmonic oscillators. Quantization of the EM field. Tunneling; periodic potentials; Bloch's theorem. Perturbation theory. WKB approximation. Transfer matrix methods. Variational methods. Rotation generators and angular momentum. Magnetic moment and spin; Stern Gerlach experiment. Spin states, Pauli matrices. Pauli equation. Dynamics of spins in a static and a transverse time dependent magnetic field; dynamics in a rotating frame; Rabi oscillations. Coherent dynamics of two-level atoms. Rotating-wave and dipole approximations. Mixed states and density matrix. T1 and T2 relaxation times. Bloch equations. Identical particles: Bosons and Fermions. Slater determinant. Entanglement; singlet and triplet states. Hydrogen molecule. Clebsch-Gordan coefficients. Exchange energy. Elements of quantum information (qubits, no-cloning theorem, teleportation, quantum circuits).

Course Note: This course is also offered as QSE 200 and Chem 200. Students may only take one of ENG-SCI 200, QSE 200, and Chem 200 for credit. Taking this course meets the quantum mechanics core course requirement for Applied Physics.

FAS Divisional Distribution: Science & Engineering & Applied Science

Decision Theory

TR 1115 AM - 1230 PM

Instructor Permission Required

Demba Ba

ES 201/AM 231 is a course in statistical inference and estimation from a signal processing perspective. The course will emphasize the entire pipeline from writing a model, estimating its parameters and performing inference utilizing real data. The first part of the course will focus on linear and nonlinear probabilistic generative/regression models (e.g. linear, logistic, Poisson regression), and algorithms for optimization (ML/MAP estimation) and Bayesian inference in these models. We will pay particular attention to sparsity-induced regression models, because of their relation to artificial neural networks, the topic of the second part of the course. The second part of the course will introduce students to the nascent and exciting research area of model-based deep learning. At present, we lack a principled way to design artificial neural networks, the workhorses of modern AI systems. Moreover, modern AI systems lack the ability to explain how they reach their decisions. In other words, we cannot yet call AI explainable or interpretable which, as a society, poses important questions as to the responsible use of such technology. Model-based deep learning provides a framework to develop and constrain neural-network architectures in a principled fashion. We will see, for instance, how neural-networks with ReLU nonlinearities arise from sparse probabilistic generative models introduced in the first part of the course. This will form the basis for a rigorous recipe we will teach you to build interpretable deep neural networks, from the ground up. We will invite an exciting line up of speakers. Time permitting, we will provide a model-based perspective of the building blocks of modern language and image generative models.

Course Note: Engineering Sciences 201 is the same as Applied Mathematics 231. Students may not take both for credit.

Applied Mathematics 21a,b or Mathematics 21a,b, and Statistics 110 or equivalents.

FAS Divisional Distribution: Science & Engineering & Applied Science

Learning, Estimation, and Control of Dynamical Systems

MW 0945 AM - 1100 AM

Na Li

This graduate level course studies dynamic systems in time domain with inputs and outputs. Students will learn how to design estimator and controller for a system to ensure desirable properties (e.g., stability, performance, robustness) of the dynamical system. In particular, the course will focus on systems that can be modeled by linear ordinary differential equations (ODEs) and that satisfy time-invariance conditions. The course will introduce the fundamental mathematics of linear spaces, linear operator theory, and then proceeds with the analysis of the response of linear time-variant systems. Advanced topics such as robust control, model predictive control, linear quadratic games and distributed control will be presented based on allowable time and interest from the class. The material learned in this course will form a valuable foundation for further work in systems, control, estimation, identification, detection, signal processing, and communications.

Course Note: Engineering Sciences 202 is also offered as Applied Mathematics 232. Students may not take

both for credit.

Linear algebra, differential equations, and signals and systems (AM 120, ES 156, or equivalent). Undergraduates need permission.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 215

Physical and Economical Operations of Sustainable Energy Systems

TR 1115 AM - 1230 PM

Le Xie

This course introduces graduate students to operational issues in sustainable electric energy systems. The first part covers basic electrical engineering, optimization, and economic concepts. The second part examines the "modular" view of energy processing components (e.g., generators, transmission network, demands). The third part explores physical and market operations in the evolving electricity industry. Computer-based demos and homework will help students understand key concepts relevant to the power industry.

Course ID: 226445
2025 Fall (4 Credits)

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 221

Drug Delivery

TR 0945 AM - 1100 AM

Samir Mitragotri

Methods to deliver molecules to the human body. Physiological obstacles and engineering solutions. Characterization techniques for drug delivery synthesis and in vitro analysis. Case studies of current pharmaceutical products.

Course ID: 122340
2025 Fall (4 Credits)

Mathematics 21a,b or Applied Mathematics 21a,b, and Chemistry 5 or Life Sciences 1a.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 222

Advanced Cellular Engineering

TR 1115 AM - 1230 PM

Kit Parker

This is a combined introductory graduate/upper-level undergraduate course that focuses on examining modern techniques for manipulating cellular behavior and the application of these techniques to problems in the biomedical and biotechnological arenas. Applications in drug discovery, regenerative medicine, and cellular agriculture will be discussed. Topics will include controlling behavior of cells through cell-matrix interactions, cytoskeletal architecture, and cell behavior in processes such as angiogenesis and wound healing. Lectures will review fundamental concepts in cell biology before delving into topical examples from current literature. Students will work weekly in the lab learning cell culture techniques, soft lithography, microscopy, and classical in vitro assays measuring cell behavior.

Course Note: BE121 and ES222 are the same course. This course has a mandatory laboratory section that will require hands-on work outside of scheduled lecture times.

Course ID: 114808
2025 Fall (4 Credits)

Instructor Permission Required

Inorganic chemistry, cell biology, physics, and mathematics at the level of Applied Mathematics 21 or Mathematics 21. Suggested courses include organic chemistry and molecular biology.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 223

Neurophysiology and Neural Interfaces

MW 0945 AM - 1100 AM

Shriya Srinivasan

This course covers fundamental neuroanatomy, physiology, and the principles that guide the development and

Course ID: 222518
2025 Fall (4 Credits)

Instructor Permission Required

implementation of peripheral neurotechnology. This course will provide an overview of the state of art in neuroprosthetics, functional electrical stimulation, and other relevant devices. Clinical case studies will be used to frame the lectures.

Course Note: All students must request permission to enroll. Graduate students and junior/senior biomedical engineering students will be given preference.

ES 53 or equivalent, ES 50, and CS 50.

Requires: Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 224

Advanced Biomechanics and Assistive Robotics

Course ID: 222519

2025 Fall (4 Credits)

MW 0345 PM - 0500 PM

Patrick Slade

This course will study advanced topics of human movement, emphasizing applications in rehabilitation, athletics, and assistive devices. We will rapidly review biomechanical principles of movement, experimental data collection techniques, simulation with musculoskeletal modeling, and cutting-edge topics in assistive robotics. The course will focus on current cutting-edge research in the fields of biomechanics and assistive robotics. A semester-long project will enable students to apply these topics to solve a problem of interest relating to human movement or assisted mobility and practice scientific writing.

Course Note: Open to graduate students with engineering background in recommended prep topics. Undergraduate students that have taken BE 124 are eligible to enroll.

Linear algebra, statics/dynamics, introductory programming ability, and physics topics like moments/torques and free body diagrams.

Requires: Requisite: Only open to graduate students or undergraduates who have completed BE 124

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 225

Neuroengineering

Course ID: 216799

2025 Fall (4 Credits)

TR 1245 PM - 0200 PM

Instructor Permission Required

Jia Liu

This course provides an introduction to biological neural systems, and current engineering efforts to understand, control, and enhance the function of neural systems. The focus is on the basic knowledge of molecular basis, anatomic structures, and electrical functions of central and peripheral nervous systems, and the most state-of-the-art genetic/genomic, optical, electrical, magnetic, and computational tools for nervous systems. Key themes throughout the course will include structures of central and peripheral nervous systems, genetic engineering, RNA sequencing, optogenetics, microscope, bioelectronics, MRI, and computational neuroscience. This includes both the practical and theoretical aspects of the topic.

Course Note: The contents and course requirements are similar to those of Biomedical Engineering 131 (BE 131), with the exception that students enrolled in Engineering Sciences 225 (ENG-SCI 225) are expected to undertake a substantial course project.

This course is intended for juniors and seniors with some background in biology or engineering. ENG-SCI 54 and one life science course are recommended.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 227

Medical Device Design

Course ID: 127639

2026 Spring (4 Credits)

MW 0215 PM - 0330 PM

Instructor Permission Required

Shriya Srinivasan, Conor Walsh

Project-based course on the design of medical devices to address needs identified by hospital-based clinicians. Students work in teams with physicians to develop a novel device. The design process includes: needs finding; problem identification; prior art searches; strategy and concept generation; estimation; sketching; sketch modeling; machine elements, ergonomics and prototyping.

Engineering Sciences 51 or machine design experience. Graduate course, but open to qualified junior and senior undergraduates.

ENG-SCI 228

Computational Solid and Structural Mechanics

Course ID: 214512
2025 Fall (4 Credits)

TR 0900 AM - 1015 AM

Katia Bertoldi

Introduction to finite element methods for analysis of steady-state and transient problems in solid and structural mechanics. Implementation of simple MATLAB codes and use of existing general-purpose software (ABAQUS). Final project offers opportunities to extend focus to fluid mechanics and heat transfer and to explore additional software (e.g. COMSOL, FEniCS), if desired.

Course Note: Offered alternate years.

Engineering Sciences 120 or equivalent introduction to the mechanics of deformable materials.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 229

Survey of Energy Technology

Course ID: 109282
2026 Spring (4 Credits)

WF 0300 PM - 0415 PM

Instructor Permission Required

Michael Aziz

Principles governing energy generation and interconversion. Current and projected world energy use. Selected important current and anticipated future technologies for energy generation, interconversion, storage, and end usage.

Course Note: This course must be taken Sat/Unsat. Cannot be used for SEAS concentration credit. Students may not take both Engineering Sciences 229 and Engineering Sciences 231 for credit.

Calculus of a single variable, one semester of college-level physics, and familiarity with chemistry at the high school advanced placement level.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 230

Advanced Tissue Engineering

Course ID: 119260
2026 Spring (4 Credits)

MW 0345 PM - 0500 PM

David Mooney

Fundamental engineering and biological principles underlying field of tissue engineering, along with examples and strategies to engineer specific tissues for clinical use. Student design teams prepare a research proposal and participate in a weekly laboratory.

Biochemistry or cell biology background.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 231

Energy Technology

Course ID: 125380
2026 Spring (4 Credits)

WF 0300 PM - 0415 PM

Instructor Permission Required

Michael Aziz

Principles governing energy generation and interconversion. Current and projected world energy use. Selected important current and anticipated future technologies for energy generation, interconversion, storage, and end usage.

Course Note: Students may not take both Engineering Sciences 231 and Engineering Sciences 229 for credit.

One semester of college-level calculus-based physics and familiarity with chemistry at the high school advanced placement level.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 233

Water, Weather and Climate

MW 0430 PM - 0545 PM

Kaighin McColl

This course provides a graduate-level introduction to the global hydrologic cycle and relevant terrestrial and atmospheric processes. It covers the concepts of water and energy balance; atmospheric radiation, composition and circulation; precipitation formation; evaporation and vegetation transpiration; dynamics of the atmospheric boundary layer (ABL), and its coupling with the land surface; boundary layer clouds; atmospheric chemistry within the ABL; and groundwater flow and unsaturated zone processes.

Familiarity with coding and differential equations; or by permission of the instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 212719

2025 Fall (4 Credits)

ENG-SCI 234

Technology Venture Immersion

No meeting time listed

Conor Walsh

Course ID: 211051

2026 Spring (4 Credits)

Instructor Permission Required

Using a learning-by-doing approach, student teams will work on their own venture concepts in this intensive immersion course. The course will convey concepts and builds skills required in early stage technology ventures, including problem finding (human-centered design, customer discovery), solution finding (ideation methods, prototyping, user testing), business model validation (hypothesis generation, minimum viable products, lean experimentation), sales and marketing methods, venture financing, and team building and leadership skills. Enrollment limited to first-year MS/MBA: Engineering Sciences students only.

Course Note: This course is limited to first-year MS/MBA: Engineering Sciences students only.

FAS Divisional Distribution: None

ENG-SCI 239

Advanced Innovation in Science and Engineering: Conference Course

TR 0130 PM - 0245 PM

David Ricketts

Course ID: 118942

2025 Fall (4 Credits)

This class integrates perspectives from leading innovators with collaborative practice and theory of innovation to teach and inspire you to be more innovative in your life and career. Our approach is to engage with leaders and learn their perspectives and align this with innovation sprints where you learn the best tools, processes, and methods to innovate. You can see a course overview here <https://youtu.be/CqfvXf33TCE>. Find out more information on Instagram @engsci139 or <https://www.instagram.com/engsci139/Students> are expected to meet all the requirements of Engineering Sciences 139 and in addition are required to prepare an individual term project with significant analytic emphasis in an area of scientific or technological innovation.

Course Note: May not be taken for credit if ENG-SCI 139 already complete. Offered jointly with the Graduate School of Design as SCI-6272.

The course will be taught in two sessions per week, each with a different focus. One session will focus on Innovation Perspective and often will contain guest lectures by innovators. The second session will focus on Innovation Practice and will contain interactive group work, case studies, and other educational formats about specific innovation ideas and tools. These may be taught on different days or both days, with first-half Perspective and second-half Practice.

The course will be held in person. Some classes may be held at alternative times depending on the schedule of guest speakers.

FAS Divisional Distribution: None

ENG-SCI 240

Solid Mechanics

TR 0130 PM - 0245 PM

Joost Vlassak

Course ID: 131521

2025 Fall (4 Credits)

Foundations of solid mechanics, development of elasticity theory, and introduction to linear visco-elasticity and

plasticity. Basic elasticity solutions. Variational principles. Deformation of plates. Introduction to large deformation.

Applied Mathematics 105 or equivalent; introduction to solid mechanics at the level of Engineering Sciences 120, or Earth and Planetary Sciences 108 or 166, or Applied Physics 293.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 250

Course ID: 119057

Information Theory

2025 Fall (4 Credits)

MW 1245 PM - 0200 PM

Flavio du Pin Calmon

Fundamental concepts of information theory, Entropy, Kullback-Leibler divergence, Mutual information; typical sequences and their applications, Loss-less data compression, Huffman codes, Elias Codes, Arithmetic Codes, Discrete Memory-less Channels, Channel Coding and Capacity, Differential Entropy, Gaussian Channels, rate distortion theory, Multi-user Information Theory, Connections between information theory and statistics.

Engineering Sciences 150 or knowledge of basic probability.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 254

Course ID: 160448

Mathematics of High-Dimensional Information Processing and Learning

2025 Fall (4 Credits)

TR 1200 PM - 0115 PM

Instructor Permission Required

Yue Lu

This course introduces students to fundamental results and recently developed techniques in high-dimensional probability theory and statistical physics that have been successfully applied to the analysis of information processing and machine learning problems. Discussions will be focused on studying such problems in the high-dimensional limit, on analyzing the emergence of phase transitions, and on understanding the scaling limits of efficient algorithms. This course seeks to start from basics, assuming just a solid understanding of undergraduate probability theory. Students will take an active role by exploring and applying what they learn from the course to their own research problems.

Course Note: Engineering Sciences 254 is also offered as Applied Mathematics 254. Students may not take both for credit.

Analysis (Math 21a/b, or equivalent), Probability (Statistics 110, Engineering Sciences 150, or equivalent), and Programming (Python, Julia, or Matlab).

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 257

Course ID: 223997

Semidefinite Optimization and Relaxation

2026 Spring (4 Credits)

MW 0215 PM - 0330 PM

Heng Yang

This course teaches the theory, computation, and applications of semidefinite optimization and relaxation, a paradigm that leverages convex semidefinite programming (SDP) for approximately (and sometimes exactly) solving nonconvex optimization and decisionmaking problems. The theoretical focus will be the celebrated moment and sums-of-squares (SOS) hierarchy, its sparse variants, and its extensions to min-max optimization. The computational focus will be numerical algorithms for solving SDPs, such as interior-point methods and more recent low-rank solvers. Applications from applied mathematics, control, computer vision, and robotics are used to illustrate the practical usefulness of the theory and algorithms.

Familiarity with linear algebra (at the level of Math 21b), probabilistics, calculus, and basic programming (Matlab, Python etc). It is recommended to have basic knowledge about convex optimization (e.g., CS 128), and control and robotics (e.g., ES/AM 158), though this is not strictly necessary.

FAS Divisional Distribution: Science & Engineering & Applied Science

Introduction to Bioelectronics

TR 1245 PM - 0200 PM

*Instructor Permission Required**Jia Liu*

This course introduces bioelectronics and its applications in neuroscience, neuroengineering, cardiology, wearable technology, and so on. The focus is on the basic principles of bioelectricity, biochemistry, and physiological behaviors of biological systems and how to design electronic tools to precisely measure and control them. Key themes throughout the course will include bioelectricity, biochemistry, cellular and tissue physiological behavior, optogenetics, sensors, stimulators, circuits, signal processing, electronics-biology interface, and applications. This includes both the practical and theoretical aspects of the topic. Three experimental demonstrations will be included as part of the normal class meeting time. Given its broad coverage, students who enroll in this course are expected to have a substantial background in chemistry, biology, and electrical engineering (see recommended prep and course requirements). The contents and course requirements are similar to those of Biomedical Engineering 129 (BE 129), with the exception that students enrolled in Engineering Sciences 258 (ENG-SCI 258) are expected to undertake a substantial course project.

Course Note: The total enrollment limit for BE 129 and ES 258 is 20 students.

ENG-SCI 50, ENG-SCI 52, or ENG-SCI 152.

FAS Divisional Distribution: Science & Engineering & Applied Science

Advanced Introduction to Robotics

TR 1115 AM - 1230 PM

Robert D. Howe

Introduction to computer-controlled robotic manipulators. Topics include coordinate frames and transformations, forward and inverse kinematic solutions to open-chain manipulators, the Jacobian, dynamics and control, and motion planning. In addition, special topics will be introduced such as computer vision, soft robotics, surgical robots, MEMS and microrobotics, and biomimetic systems. Laboratory exercises will provide experience with industrial robot programming and robot simulation and control.

Course Note: Laboratory will be scheduled after classes begin, based on students' and course staff's availability. Eng-Sci 259 is also listed as Eng-Sci 159. Students may not take both for credit. Graduate students must enroll in 259. The material in 259 is the same as in 159, but with additional problems on the problem sets and a final project. Jointly offered at GSD as SCI 6274.

**Linear algebra and multivariable calculus: matrix operations, positive definiteness of a matrix, determinants, complex numbers, eigenvalues and eigenvectors, partial derivatives and integration (e.g., Mathematics 21a,b, Mathematics 22a,b, Mathematics 25a,b, Applied Mathematics 22a,b). *Introductory mechanics: free-body diagrams with masses, springs, and dampers, vector forces and vector torques (e.g., Physics 15a, Physics 16, Physical Sciences 12a, Applied Physics 50a,b). *Programming experience (e.g., CS 50; MATLAB recommended).*

FAS Divisional Distribution: Science & Engineering & Applied Science

Environmental Modeling and Data Analysis

TR 0130 PM - 0245 PM

Steven Wofsy

Graduate-level introduction to environmental modeling and data analysis: data visualization, statistical inference, Bayes Theorem, optimal estimation, adjoint methods, Monte Carlo methods, time series analysis, denoising; principles and numerical methods for chemical transport and inverse models.

Course Note: Focused on computer-based projects. Suitable for: graduate students and advanced undergraduates in Earth and Planetary Sciences, Environmental Science and Engineering, Applied Math, Chemistry, and Physics. At MIT: EAPS, Civil & Environmental. Helpful to have preparation in differential equations, or atmospheric science, but not required. This course is also offered as EPS 236. Students may not take both for credit.

Applied Mathematics 105; a course in atmospheric chemistry (EPS/ESE 133 or EPS 200/ESE 260 or equivalent); or permission of the instructors.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 268

Physics of Climate

TR 1030 AM - 1145 AM

Zhiming Kuang

Overview of the basic features of the climate system (global energy balance, atmospheric general circulation, ocean circulation, and climate variability) and the underlying physical processes.

Course Note: This course includes a one-time computer lab to be arranged. This course is also offered as EPS 208. Students may not take both for credit.

Applied Mathematics 105 (may be taken concurrently); Physics 15 or Physical Sciences 12a,b; or permission of the instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 273

Optics and Photonics

MW 0300 PM - 0415 PM

Federico Capasso

The focus is on the foundations of optics/photonics and on some of its most important modern developments and applications. Powerful and widely used computational tools will be developed in the sections. Topics to be covered: Maxwell's equations, Free space optics. Reflection, refraction, polarization (Jones Calculus and Stokes parameters); interference and diffraction. Light-matter interaction, dispersion and absorption. Guided wave optics (including optical fibers). Perturbation and couple mode theory, transfer matrix methods; numerical methods. Optical resonators. Photonic crystals. Near-field optics. Metal optics and Plasmonics. Metamaterials and Metasurfaces.

Course Note: Open to graduate students and advanced undergraduates.

Elements of Electromagnetism, such as taught in Applied Physics 50b, Physics 15b, Physical Sciences 12b, Engineering Sciences 151 or equivalent.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 275

Integrated Nonlinear Photonics

MW 0900 AM - 1015 AM

Kiyoul Yang

This course will discuss electro-optics and nonlinear physics in nanophotonic devices. Topics include key building blocks of integrated photonics such as interferometers, microresonators, Bragg gratings, and photonic crystals; device physics and design of silicon photonics-based electro-optic modulators; second-order nonlinear photonics including parametric oscillation/ amplification, electro-optic modulation/ combs, harmonic generation, quasi-phase matching, and frequency mixing; third-order nonlinear photonics including supercontinuum generation, parametric oscillation, soliton frequency combs, and techniques for dispersion engineering and pulse shaping; Brillouin lasing and Raman scattering.

ES151, ES173, ES273, AP217

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 276

Introduction to Microelectromechanical Systems

TR 1030 AM - 1145 AM

Fawwaz Habbal

The goal of this multidisciplinary course is to enable students to learn how to create miniaturized devices. In addition to the weekly lectures, hand-on activities will lead students to become capable of creating micro-nano devices. Students will understand the physics of sensors and actuators, become familiar with thin-film fabrication technologies, and understanding how these concepts were commercialized. Learning is in small teams – together, students design, simulate, build, edit, discuss, and critique their work. Students will make basic

Course ID: 224963
2025 Fall (4 Credits)

Course ID: 123351
2026 Spring (4 Credits)

Course ID: 224541
2025 Fall (4 Credits)

Course ID: 127590
2025 Fall (4 Credits)

Instructor Permission Required

structures using lithography, deposition, and etching. Next, they integrate such structures to create, testable, devices. At the end of the semester, they reverse-engineer some commercial devices and reflect on their fabrication and function.

Course Note: ES 176 is also offered as ES 276. Students may not take both for credit. Students who enroll in ES 176 will learn similar content as students who enroll in ES 276 but may have fewer demanding experiments. Course includes an active learning component of labs and simulations, usually on Thursdays. Students will also use CNS on per demand bases.

Applied Physics 50a,b, Physical Sciences 12a,b, or 15a,b; College Chemistry at the level of Life Sciences 1a, Physical Sciences 1, Engineering Sciences 173 and Engineering Sciences 176.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 277

Microfabrication Laboratory

M 0945 AM - 1145 AM

Kiyoul Yang

The course provides introduction to micro- and nano-fabrication processes used to realize photonic, electronic and mechanical devices. Lectures will introduce the state-of-the-art semiconductor fabrication processes, including lithography, deposition of metals and dielectrics, etching, oxidation, implantation, and diffusion of dopants. The fabrication component of the course will be carried out in a state-of-the-art cleanroom in the Center for Nanoscale Systems, where students will fabricate several electronic and photonic devices, including transistors, light-emitting diodes (LEDs), lasers and optical resonators. Device characterization will be performed in a state-of-the-art teaching labs in SEC in Allston.

Course Note: Course also includes a 4-hour lab session each week. Content and requirements are similar to Engineering Sciences 177, with the addition that students enrolled in Engineering Sciences 277 are given an additional project.

Requires: Prerequisite: (Applied Physics 50a OR Physical Sciences 12a OR Physics 15a) AND (Applied Physics 50b OR Physical Sciences 12b OR Physics 15b)

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 109357
2026 Spring (4 Credits)

ENG-SCI 280

Designing Technology Ventures

MW 0350 PM - 0510 PM

Robert D. Howe, George Clay

This is a core course in the MS/MBA: Engineering Sciences Program. Launching a successful startup requires a business model that defines the venture's customer value proposition; plans for technology, operations, and marketing; and a formula for eventually earning profit. Students will learn how to design business models that address challenges that technology ventures frequently encounter as they grow and evolve. We will employ system dynamics modeling using simulation software to inform those business model design choices. A team project will investigate business model options for an early-stage startup.

Course Note: Enrollment is limited to second-year students in the MS/MBA: Engineering Sciences program.

Requires: First year MS/MBA students only

FAS Divisional Distribution: None

Course ID: 208004
2025 Fall (4 Credits)

Instructor Permission Required

ENG-SCI 285

Design Theory and Practice

No meeting time listed

Elizabeth Christoforetti, Roberto Verganti

Any organization, business or venture grounds its value on how "meaningful" are its products (functionally, symbolically and emotionally). Design Theory and Practice (DTP) empowers students to create products that are meaningful, to people who use them and to society at large. The course has three purposes: 1. To inspire students about the power of design in new business creation. We will address questions such as: Why is design relevant in tech ventures? How does it create value? And, most of all, why is it fundamental for a technology entrepreneur/leader? 2. To enable them to move into action, by learning the theories and practice (mindsets, processes, methods) of design: Where do ideas come from? How to frame (and especially re-frame) a problem? How to understand what is meaningful to users? How to make a product desirable (functionally, emotionally and symbolically)? How to design and build the user interface of a product? How to test it? How to narrate and visualize a novel idea? 3. To co-explore, with the class and the instructor, the use of design as a leadership

Course ID: 212920
2025 Fall (4 Credits)

Instructor Permission Required

practice: How does a leader who masters design can better contribute to creation of value? How can we forge a new manifesto for leadership, inspired by design?The course is intensively project-based. Students will work in teams on a complex innovation challenge proposed by a real corporation. They will suggest a more effective framing of the problem, and create a novel meaningful solution, with a special focus on the user interface.

Course Note: This course is limited to MS/MBA: Engineering Sciences students only. Requires instructor consent.

FAS Divisional Distribution: None

ENG-SCI 292A

Launch Lab/Capstone 1

No meeting time listed

Russell J Wilcox, Alan Maccormack

Course ID: 214579

2026 Spring (4 Credits)

Instructor Permission Required

The MS/MBA Capstone is an intensive project that requires teams of students to apply and integrate the skills they have learned across core disciplines developed in the program curriculum. Specifically, teams will be expected to design, build and launch a new technology-based product/service venture, and thereby to demonstrate mastery with respect to three areas of knowledge: Design Knowledge: The use of human-centered design methods to understand users, identify solutions to their needs, and gather feedback via rapid, iterative prototyping. Technical Knowledge: The use of rigorous system engineering methods to plan, design, develop, build, and test a complex technology-based product/service, integrating knowledge across multiple engineering disciplines. Business Knowledge: The use of business model analysis and lean experimentation methods to develop and test a set of hypotheses that capture how the new product/service will create value, including business model design, pricing, sales and marketing, operating model and profit formula. The Capstone is divided into two parts, the first of which is an immersive course completed during the January term of the G2 year (Capstone I). The subsequent spring course (Capstone II) follows on from and builds upon work completed in January. Given students prior coursework, a working knowledge of human-centered design methods, systems engineering techniques, and business modeling and lean experimentation is assumed. Launch Lab therefore focuses on the practical application of these skills to team projects, supplemented by content in three areas: i) seminars on advanced methods and techniques, ii) workshops that demonstrate how to put these skills and tools into practice, and iii) guest speakers who share their experience in the areas of design, technology and business.

Course Note: Open to MS/MBA: Engineering Sciences students only, or to others by permission of the instructor.

FAS Divisional Distribution: None

ENG-SCI 292B

Launch Lab/Capstone 2

M 0400 PM - 0600 PM

Russell J Wilcox, Alan Maccormack

Course ID: 214580

2026 Spring (4 Credits)

Instructor Permission Required

The MS/MBA Capstone is an intensive project that requires teams of students to apply and integrate the skills they have learned across core disciplines developed in the program curriculum. Specifically, teams will be expected to design, build and launch a new technology-based product/service venture, and thereby to demonstrate mastery with respect to three areas of knowledge: Design Knowledge: The use of human-centered design methods to understand users, identify solutions to their needs, and gather feedback via rapid, iterative prototyping. Technical Knowledge: The use of rigorous system engineering methods to plan, design, develop, build, and test a complex technology-based product/service, integrating knowledge across multiple engineering disciplines. Business Knowledge: The use of business model analysis and lean experimentation methods to develop and test a set of hypotheses that capture how the new product/service will create value, including business model design, pricing, sales and marketing, operating model and profit formula. The Capstone is divided into two parts, the first of which is an immersive course completed during the January term of the G2 year (Capstone I). The subsequent spring course (Capstone II) follows on from and builds upon work completed in January. Given students prior coursework, a working knowledge of human-centered design methods, systems engineering techniques, and business modeling and lean experimentation is assumed. Launch Lab therefore focuses on the practical application of these skills to team projects, supplemented by content in three areas: i) seminars on advanced methods and techniques, ii) workshops that demonstrate how to put these skills and tools into practice, and iii) guest speakers who share their experience in the areas of design, technology and business.

Course Note: Open to MS/MBA: Engineering Sciences students only, or to others by permission of the instructor.

FAS Divisional Distribution: None

ENG-SCI 293

Cryo-Electron Microscopy for Biological and Soft Materials Lecture/Lab

M 0130 PM - 0245 PM

David Bell

Course ID: 205078

2025 Fall (4 Credits)

Instructor Permission Required

This class covers the fundamental principles underlying cryo-electron microscopy applied to Biological and SoftMaterials starting with the basic anatomy of electron microscopes, an introduction to Fourier transforms, and the principles of image formation. Building upon that foundation, the class then covers the sample preparation issues, data collection strategies, and basic image processing workflows.

First-year-level math, physics (biochemistry preferred optional).

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 294

Humanity and its Futures: AI and Human Cognition

T 0945 AM - 1230 PM

Fawwaz Habbal

Course ID: 226030

2026 Spring (4 Credits)

Instructor Permission Required

This course provides students with an understanding of the complexities surrounding today's most intractable problems and helps them develop methodologies for navigating the challenges they will face. After introducing systems thinking, with a focus on interconnections and feedback loops, the course will address a significant interdisciplinary issue: Artificial Intelligence (AI) and its relationship to human cognition. The study of AI and human cognition is both timely and dynamic. This expansive domain integrates computer science, statistics, big data, cognitive science, psychology, and philosophy. As a transformative technology, AI has achieved remarkable success in understanding natural language and emulating human reasoning, making it invaluable in augmenting human cognition. Despite these advances, many questions remain about the nature of AI and its relationship with human thought. This course invites participants to explore these questions through an intellectual journey. Students will engage in discussions on systems and paradigms, the essence of intelligence, computational approaches, mind and machine metaphors, cognitive biases in AI, and the role of AI in creativity and intuition. The course emphasizes collaborative learning, with students working in teams to learn from each other, as well as from lectures and selected literature. Each lecture will be paired with research papers and books, followed by a discussion session. The topics covered in the course are listed in the syllabus. Each will include an overview of the issue and its significance. Students will apply systems thinking and a multidisciplinary approach to analyze and critique each topic. By the end of the course, students will have developed a strong framework for multidisciplinary discussions, gained a deep understanding of AI's power, limitations, and risks, and explored its technical building blocks through hands-on exercises. Additionally, students will experience the value of collaboration and the importance of diversity while working in diverse teams.

Course Note: ES 294 (for graduate students) is also offered as ES 26. Students may not take both for credit. The combined cap for ES 26 and ES 294 is 25 students.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 297

Professional Writing for Scientists and Engineers

R 0300 PM - 0500 PM

Suzanne Smith

Course ID: 207614

2025 Fall (4 Credits)

Instructor Permission Required

This class leads students to develop their skills in the critical reading and writing of science and engineering. Genres will include research articles, grant proposals, school/fellowship/job applications, or lay abstracts & press releases for the non-scientific public. Crucially, students will be empowered not only to achieve their own writing goals, but also to break down these learned skills and impart them to others, as effective collaborators and mentors of younger students.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 297

Professional Writing for Scientists and Engineers

W 0300 PM - 0500 PM

Jenny Hoffman, Suzanne Smith

Course ID: 207614

2026 Spring (4 Credits)

Instructor Permission Required

This class leads students to develop their skills in the critical reading and writing of science and engineering.

Genres will include research articles, grant proposals, school/fellowship/job applications, or lay abstracts & press releases for the non-scientific public. Crucially, students will be empowered not only to achieve their own writing goals, but also to break down these learned skills and impart them to others, as effective collaborators and mentors of younger students.

The combined cap for Eng-Sci 297 and Physics 297 is 20 students.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 298R

Methodologies in Design Engineering

F 0945 AM - 1230 PM

Kit Parker

Course ID: 213398

2026 Spring (4 Credits)

Instructor Permission Required

This is a SAT/UNSAT seminar course focused on design thinking, analysis, planning, and executing the development of engineered systems. Weekly meetings will include discussions and assigned readings of case studies and examples of the systems surrounding the developing technical system. Organizing and executing research, innovation, and product design at the scales from academic group, to startup, to major industry will be discussed. The course is designed to allow the engineer and designer to integrate technical knowledge into an executable framework as an individual or leader of a design team.

Course Note: Enrollment subject to approval of the instructor, with first and second year MDE graduate students receiving priority. Undergraduates are not allowed to enroll.

FAS Divisional Distribution: Science & Engineering & Applied Science

ENG-SCI 299R

Special Topics in Engineering Sciences

No meeting time listed

Demba Ba

Course ID: 143668

2025 Fall (4 Credits)

Instructor Permission Required

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: None

ENG-SCI 299R

Special Topics in Engineering Sciences

No meeting time listed

Robert Wood

Course ID: 143668

2026 Spring (4 Credits)

Instructor Permission Required

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: None

ENG-SCI 299R (002)

Course ID: 143668

Special Topics in Engineering Sciences

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Katia Bertoldi

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: None

ENG-SCI 299R (003)

Course ID: 143668

Special Topics in Engineering Sciences

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Flavio du Pin Calmon

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: None

ENG-SCI 299R (004)

Course ID: 143668

Special Topics in Engineering Sciences

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

David Clarke

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: None

ENG-SCI 299R (005)

Course ID: 143668

Special Topics in Engineering Sciences

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Brian Farrell

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: None

ENG-SCI 299R (006)

Course ID: 143668

Special Topics in Engineering Sciences

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Fawwaz Habbal

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: None

ENG-SCI 299R (007)

Course ID: 143668

Special Topics in Engineering Sciences

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Donhee Ham

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: None

ENG-SCI 299R (008)

Course ID: 143668

Special Topics in Engineering Sciences

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Gage Hills

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of

instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: None

ENG-SCI 299R (009)

Course ID: 143668

Special Topics in Engineering Sciences

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Robert D. Howe

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: None

ENG-SCI 299R (010)

Course ID: 143668

Special Topics in Engineering Sciences

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Evelyn Hu

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: None

ENG-SCI 299R (011)

Course ID: 143668

Special Topics in Engineering Sciences

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Don Ingber

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM

requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: None

ENG-SCI 299R (012)

Special Topics in Engineering Sciences

Course ID: 143668

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Daniel Jacob

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: None

ENG-SCI 299R (013)

Special Topics in Engineering Sciences

Course ID: 143668

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Vijay Janapa Reddi

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: None

ENG-SCI 299R (014)

Special Topics in Engineering Sciences

Course ID: 143668

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Frank Keutsch

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

ENG-SCI 299R (015)

Special Topics in Engineering Sciences

Course ID: 143668
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Boris Kozinsky

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: None

ENG-SCI 299R (016)

Special Topics in Engineering Sciences

Course ID: 143668
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Zhiming Kuang

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: None

ENG-SCI 299R (017)

Special Topics in Engineering Sciences

Course ID: 143668
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

H. Kung

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: None

ENG-SCI 299R (018)

Course ID: 143668
2025 Fall (4 Credits)

Special Topics in Engineering Sciences

No meeting time listed

Instructor Permission Required

Jennifer Lewis

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: None

ENG-SCI 299R (019)

Course ID: 143668
2025 Fall (4 Credits)

Special Topics in Engineering Sciences

No meeting time listed

Instructor Permission Required

Na Li

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: None

ENG-SCI 299R (020)

Course ID: 143668
2025 Fall (4 Credits)

Special Topics in Engineering Sciences

No meeting time listed

Instructor Permission Required

Marianna Linz

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: None

ENG-SCI 299R (021)

Course ID: 143668
2025 Fall (4 Credits)

Special Topics in Engineering Sciences

No meeting time listed

Instructor Permission Required

Jia Liu

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: None

ENG-SCI 299R (022)

Special Topics in Engineering Sciences

Course ID: 143668

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Marko Loncar

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: None

ENG-SCI 299R (024)

Special Topics in Engineering Sciences

Course ID: 143668

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Scot Martin

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

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FAS Divisional Distribution: None

ENG-SCI 299R (025)

Special Topics in Engineering Sciences

Course ID: 143668

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Michael McElroy

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

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enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: None

ENG-SCI 299R (026)

Course ID: 143668

Special Topics in Engineering Sciences

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Samir Mitragotri

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: None

ENG-SCI 299R (027)

Course ID: 143668

Special Topics in Engineering Sciences

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

David Mooney

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: None

ENG-SCI 299R (028)

Course ID: 143668

Special Topics in Engineering Sciences

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Kit Parker

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

Course Note: Open to graduate students and AB/SM candidates only. In addition to enrolling in my.harvard, enrollees must file a 299r Special Topics Form approved by the SEAS faculty supervisor of the project before the course registration deadline. AB/SM students must obtain CHD approval for this course to count toward their SM requirements, and the course must be allocated accordingly in the student's record with the Registrar; it cannot be used towards also meeting AB degree requirements. The form may be obtained at <https://www.seas.harvard.edu/office-academic-programs/graduate-policies-procedures-and-forms/graduate-student-forms>. Contact gradprograms@seas.harvard.edu if you have any questions.

gradprograms@seas.harvard.edu if you have any questions.

FAS Divisional Distribution: None

ENG-SCI 299R (029)

Course ID: 143668
2025 Fall (4 Credits)

Special Topics in Engineering Sciences

No meeting time listed

Instructor Permission Required

Patrick Slade

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

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FAS Divisional Distribution: None

ENG-SCI 299R (030)

Course ID: 143668
2025 Fall (4 Credits)

Special Topics in Engineering Sciences

No meeting time listed

Instructor Permission Required

Maurice Smith

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

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FAS Divisional Distribution: None

ENG-SCI 299R (031)

Course ID: 143668
2025 Fall (4 Credits)

Special Topics in Engineering Sciences

No meeting time listed

Instructor Permission Required

Shriya Srinivasan

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

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FAS Divisional Distribution: None

ENG-SCI 299R (032)

Course ID: 143668
2025 Fall (4 Credits)

Special Topics in Engineering Sciences

No meeting time listed

Instructor Permission Required

Fiamma Straneo

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

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FAS Divisional Distribution: None

ENG-SCI 299R (033)

Course ID: 143668
2025 Fall (4 Credits)

Special Topics in Engineering Sciences

No meeting time listed

Instructor Permission Required

Elsie Sunderland

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

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FAS Divisional Distribution: None

ENG-SCI 299R (034)

Course ID: 143668
2025 Fall (4 Credits)

Special Topics in Engineering Sciences

No meeting time listed

Instructor Permission Required

Zhigang Suo

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

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FAS Divisional Distribution: None

ENG-SCI 299R (035)

Course ID: 143668
2025 Fall (4 Credits)

Special Topics in Engineering Sciences

No meeting time listed

Instructor Permission Required

Joost Vlassak

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

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FAS Divisional Distribution: None

ENG-SCI 299R (036)

Special Topics in Engineering Sciences

Course ID: 143668
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Conor Walsh

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

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FAS Divisional Distribution: None

ENG-SCI 299R (037)

Special Topics in Engineering Sciences

Course ID: 143668
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Gu-Yeon Wei

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

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FAS Divisional Distribution: None

ENG-SCI 299R (038)

Special Topics in Engineering Sciences

Course ID: 143668
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Steven Wofsy

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

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FAS Divisional Distribution: None

ENG-SCI 299R (039)

Course ID: 143668
2025 Fall (4 Credits)

Special Topics in Engineering Sciences

No meeting time listed

Instructor Permission Required

Robert Wood

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

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FAS Divisional Distribution: None

ENG-SCI 299R (040)

Course ID: 143668
2025 Fall (4 Credits)

Special Topics in Engineering Sciences

No meeting time listed

Instructor Permission Required

Le Xie

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

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FAS Divisional Distribution: None

ENG-SCI 299R (041)

Course ID: 143668
2025 Fall (4 Credits)

Special Topics in Engineering Sciences

No meeting time listed

Instructor Permission Required

Heng Yang

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

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FAS Divisional Distribution: None

ENG-SCI 299R (042)

Course ID: 143668
2025 Fall (4 Credits)

Special Topics in Engineering Sciences

No meeting time listed

Instructor Permission Required

Kiyoul Yang

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

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FAS Divisional Distribution: None

ENG-SCI 299R (043)

Course ID: 143668
2025 Fall (4 Credits)

Special Topics in Engineering Sciences

No meeting time listed

Instructor Permission Required

Woodward Yang

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

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FAS Divisional Distribution: None

ENG-SCI 299R (044)

Course ID: 143668
2025 Fall (4 Credits)

Special Topics in Engineering Sciences

No meeting time listed

Instructor Permission Required

Todd Zickler

Experimental or theoretical research project on acceptable problems in engineering and applied science supervised by a SEAS faculty member, and/or supervised reading on topics not covered by regular courses of instruction. The project or reading must be arranged between the student and individual SEAS faculty supervisor prior to enrolling in the course.

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FAS Divisional Distribution: None

ENG-SCI 302

Nanophotonics

No meeting time listed

Fawwaz Habbal

Course ID: 120144

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 302

Nanophotonics

No meeting time listed

Fawwaz Habbal

Course ID: 120144

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 306

Control Theory

No meeting time listed

Na Li

Course ID: 156746

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 306

Control Theory

No meeting time listed

Na Li

Course ID: 156746

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 310

Design, Sensing, and Control

No meeting time listed

Robert D. Howe

Course ID: 148221

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 310

Design, Sensing, and Control

No meeting time listed

Robert D. Howe

Course ID: 148221

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 312
Information Theory and Applications
No meeting time listed
Flavio du Pin Calmon

Course ID: 205902
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 312
Information Theory and Applications
No meeting time listed
Flavio du Pin Calmon

Course ID: 205902
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 314
Image Processing and Computer Vision
No meeting time listed
Todd Zickler

Course ID: 120087
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 314
Image Processing and Computer Vision
No meeting time listed
Todd Zickler

Course ID: 120087
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 316
Wireless Computing and Networking
No meeting time listed
H. Kung

Course ID: 146777
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 316
Wireless Computing and Networking
No meeting time listed
H. Kung

Course ID: 146777
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 318
Structured Representations, Computing and Inference for Stochastic Systems

Course ID: 160964
2025 Fall (4 Credits)

No meeting time listed
Demba Ba

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 318
Structured Representations, Computing and Inference for Stochastic Systems

Course ID: 160964
2026 Spring (4 Credits)

No meeting time listed
Demba Ba

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 319
Computational Robotics

Course ID: 222931
2025 Fall (4 Credits)

No meeting time listed
Heng Yang

Instructor Permission Required

ENG-SCI 319
Computational Robotics

Course ID: 222931
2026 Spring (4 Credits)

No meeting time listed
Heng Yang

Instructor Permission Required

ENG-SCI 320
Microrobotics and Bio-inspired Autonomous Robotic Systems

Course ID: 121405
2025 Fall (4 Credits)

No meeting time listed
Robert Wood

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 320
Microrobotics and Bio-inspired Autonomous Robotic Systems

Course ID: 121405
2026 Spring (4 Credits)

No meeting time listed
Robert Wood

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 321
Edge Computing

Course ID: 212606
2025 Fall (4 Credits)

No meeting time listed
Vijay Janapa Reddi

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 321

Edge Computing

No meeting time listed

Vijay Janapa Reddi

Course ID: 212606

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 322

Heterogeneous Nanophotonic Devices and Bio-templated Electronic

Materials

No meeting time listed

Evelyn Hu

Course ID: 125480

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 322

Heterogeneous Nanophotonic Devices and Bio-templated Electronic

Materials

No meeting time listed

Evelyn Hu

Course ID: 125480

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 323

Advanced Energy and Power Systems

No meeting time listed

Le Xie

Course ID: 224976

2025 Fall (4 Credits)

Instructor Permission Required

ENG-SCI 323

Advanced Energy and Power Systems

No meeting time listed

Le Xie

Course ID: 224976

2026 Spring (4 Credits)

Instructor Permission Required

ENG-SCI 324

Materials Processing

No meeting time listed

Jennifer Lewis

Course ID: 120117

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 324

Materials Processing

No meeting time listed

Course ID: 120117

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 325

Emerging Nano-Design

No meeting time listed

Gage Hills

Course ID: 219534

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 325

Emerging Nano-Design

No meeting time listed

Gage Hills

Course ID: 219534

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 326

Mixed-Signal VLSI Design

No meeting time listed

Gu-Yeon Wei

Course ID: 115694

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 326

Mixed-Signal VLSI Design

No meeting time listed

Gu-Yeon Wei

Course ID: 115694

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 327

Integrated Photonic Systems for Computing and Quantum Engineering

No meeting time listed

Kiyoul Yang

Course ID: 221746

2025 Fall (4 Credits)

Instructor Permission Required

ENG-SCI 327

Integrated Photonic Systems for Computing and Quantum Engineering

No meeting time listed

Kiyoul Yang

Course ID: 221746

2026 Spring (4 Credits)

Instructor Permission Required

ENG-SCI 329

Readings in Dynamic Meteorology

Course ID: 113399

2025 Fall (4 Credits)

No meeting time listed
Brian Farrell

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 329
Readings in Dynamic Meteorology
No meeting time listed
Brian Farrell

Course ID: 113399
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 332
Integrated Circuits and Electronics
No meeting time listed
Donhee Ham

Course ID: 117620
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 332
Integrated Circuits and Electronics
No meeting time listed
Donhee Ham

Course ID: 117620
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 334
Mechanics and Materials in Small Structures
No meeting time listed
Zhigang Suo

Course ID: 118787
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 334
Mechanics and Materials in Small Structures
No meeting time listed
Zhigang Suo

Course ID: 118787
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 336
Mechanics of Engineering Materials and Small Devices
No meeting time listed

Course ID: 114275
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 336

Mechanics of Engineering Materials and Small Devices

No meeting time listed

Joost Vlassak

Course ID: 114275
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 340

Materials Physics and Engineering

No meeting time listed

David Clarke

Course ID: 125478
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 340

Materials Physics and Engineering

No meeting time listed

David Clarke

Course ID: 125478
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 342

Mechanics of Soft Materials

No meeting time listed

Katia Bertoldi

Course ID: 127073
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 342

Mechanics of Soft Materials

No meeting time listed

Katia Bertoldi

Course ID: 127073
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 346

Neural Control of Movement

No meeting time listed

Maurice Smith

Course ID: 121466
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 346	Course ID: 121466
Neural Control of Movement	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Maurice Smith</i>	

FAS Divisional Distribution: None

ENG-SCI 347	Course ID: 222930
Neural Interfacing	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Shriya Srinivasan</i>	

ENG-SCI 347	Course ID: 222930
Neural Interfacing	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Shriya Srinivasan</i>	

ENG-SCI 348	Course ID: 222932
PhD Research Course: Biomechanics, Robotics, and Human-centered AI	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Patrick Slade</i>	

ENG-SCI 348	Course ID: 222932
PhD Research Course: Biomechanics, Robotics, and Human-centered AI	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Patrick Slade</i>	

ENG-SCI 351	Course ID: 226746
Synthetic Biology	2025 Fall (4 Credits)
	<i>Instructor Permission Required</i>

ENG-SCI 351	Course ID: 226746
Synthetic Biology	2026 Spring (4 Credits)
	<i>Instructor Permission Required</i>

ENG-SCI 352	Course ID: 119262
Engineering Mammalian Cell Phenotype	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>David Mooney</i>	

FAS Divisional Distribution: None

ENG-SCI 352
Engineering Mammalian Cell Phenotype
No meeting time listed
David Mooney

Course ID: 119262
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 354
Cellular Biophysics
No meeting time listed
Kit Parker

Course ID: 118030
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 354
Cellular Biophysics
No meeting time listed
Kit Parker

Course ID: 118030
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 355
Bioelectronics
No meeting time listed
Jia Liu

Course ID: 212600
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 355
Bioelectronics
No meeting time listed
Jia Liu

Course ID: 212600
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 356
Bioinspired Engineering
No meeting time listed
Don Ingber

Course ID: 109276
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 356
Bioinspired Engineering

No meeting time listed
Don Ingber

Course ID: 109276
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 358
Atmosphere-Biosphere Interactions

No meeting time listed
Steven Wofsy

Course ID: 144759
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 358
Atmosphere-Biosphere Interactions

No meeting time listed
Steven Wofsy

Course ID: 144759
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 360
Stratospheric Chemistry and Transport

No meeting time listed
Steven Wofsy

Course ID: 143830
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 360
Stratospheric Chemistry and Transport

No meeting time listed
Steven Wofsy

Course ID: 143830
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 362
Atmospheric Chemistry

No meeting time listed
Daniel Jacob

Course ID: 144339
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 362

Atmospheric Chemistry

No meeting time listed

Daniel Jacob

Course ID: 144339

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 364

Polar Climate Systems and Dynamics

No meeting time listed

Fiamma Straneo

Course ID: 224978

2026 Spring (4 Credits)

Instructor Permission Required

ENG-SCI 364

Polar Climate Systems and Dynamics

No meeting time listed

Fiamma Straneo

Course ID: 224978

2025 Fall (4 Credits)

Instructor Permission Required

ENG-SCI 366

Topics in Atmospheric and Climate Dynamics

No meeting time listed

Zhiming Kuang

Course ID: 121289

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 366

Topics in Atmospheric and Climate Dynamics

No meeting time listed

Zhiming Kuang

Course ID: 121289

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 367

Climate Physics

No meeting time listed

Marianna Linz

Course ID: 213687

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 367

Climate Physics

No meeting time listed

Marianna Linz

Course ID: 213687

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 368
Environmental Science
No meeting time listed
Michael McElroy

Course ID: 122867
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 368
Environmental Science
No meeting time listed
Michael McElroy

Course ID: 122867
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 372
Atmospheric and Environmental Chemistry
No meeting time listed
Frank Keutsch

Course ID: 160978
2025 Fall (4 Credits)
Instructor Permission Required

ENG-SCI 372
Atmospheric and Environmental Chemistry
No meeting time listed
Frank Keutsch

Course ID: 160978
2026 Spring (4 Credits)
Instructor Permission Required

ENG-SCI 380
Biologically Inspired Design and Control of Medical Devices and Robots
No meeting time listed
Conor Walsh

Course ID: 122347
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 380
Biologically Inspired Design and Control of Medical Devices and Robots
No meeting time listed
Conor Walsh

Course ID: 122347
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 386
Drug Delivery Methodologies
No meeting time listed
Samir Mitragotri

Course ID: 205867
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 386

Drug Delivery Methodologies

No meeting time listed

Samir Mitragotri

Course ID: 205867
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 389

Atomistic Computational Design of Functional Materials

No meeting time listed

Boris Kozinsky

Course ID: 212611
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 389 (01)

Atomistic Computational Design of Functional Materials

No meeting time listed

Boris Kozinsky

Course ID: 212611
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 390

Research in Environmental Science and Engineering

No meeting time listed

Scot Martin

Course ID: 114496
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 390

Research in Environmental Science and Engineering

No meeting time listed

Scot Martin

Course ID: 114496
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 392

Environmental Chemistry

No meeting time listed

Elsie Sunderland

Course ID: 160971
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 392

Environmental Chemistry

No meeting time listed

Elsie Sunderland

Course ID: 160971

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 394

Microelectronics and VLSI Systems

No meeting time listed

Woodward Yang

Course ID: 121471

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 394

Microelectronics and VLSI Systems

No meeting time listed

Woodward Yang

Course ID: 121471

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 396

Nanoscale Optics, NEMS and Nanofabrication Technology

No meeting time listed

Marko Loncar

Course ID: 122884

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 396

Nanoscale Optics, NEMS and Nanofabrication Technology

No meeting time listed

Marko Loncar

Course ID: 122884

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 398

High-Dimensional Statistical Estimation and Learning

No meeting time listed

Yue Lu

Course ID: 127402

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 398

High-Dimensional Statistical Estimation and Learning

No meeting time listed

Yue Lu

Course ID: 127402
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ENG-SCI 399-TIME

Academic-Related Work for SEAS Ph.D. Students

No meeting time listed

Course ID: 208271
2025 Fall (4 Credits)

Instructor Permission Required

ENG-SCI 399-TIME

Academic-Related Work for SEAS Ph.D. Students

No meeting time listed

Course ID: 208271
2026 Spring (4 Credits)

Instructor Permission Required

English

English

ENGLISH CACD

The Art of Criticism

No meeting time listed

Margaret Doherty

Course ID: 222534
2026 Spring (4 Credits)

Instructor Permission Required

This course will consider critical writing about art—literary, visual, cinematic, musical, etc.—as an art in its own right. We will read and discuss criticism from a wide variety of publications, paying attention to the ways outlets and audience shape critical work. The majority of our readings will be from the last few years and will include pieces by Joan Acocella, Andrea Long Chu, Jason Farago, and Carina del Valle Schorske. Students will write several short writing assignments (500-1000 words), including a straight review, during the first half of the semester and share them with peers. During the second half of the semester, each student will write and workshop a longer piece of criticism about a work of art or an artist of their choosing. Students will be expected to read and provide detailed feedback on the work of their peers. Students will revise their longer pieces based on workshop feedback and submit them for the final assignment of the class.

FAS Divisional Distribution: Arts and Humanities

ENGLISH CAKN

Fiction Workshop: The Short Novel

T 0900 AM - 1145 AM

Andrew Krivak

Course ID: 226477
2025 Fall (4 Credits)

Instructor Permission Required

This course is a workshop intended for students who are interested in exploring the form of the short novel, or the "novella." The short novel is not simply a novel with fewer pages. The short novel understands and develops character and conflict, time and plot, and often setting and stage in ways unique to its particular scope, characters, and intent. We will read seven short novels in this course: Joseph Conrad's *Heart of Darkness* (to be read before the first meeting); Norman Maclean's *A River Runs Through It*; Annie Ernaux's *Happening*; Denis Johnson's *Train Dreams*; Claire Keegan's *Small Things Like These*; Jon Fosse's *Aliss at the Fire*; and Juan Rulfo's *Pedro Páramo*. Separately and collectively, we will ask of these works: What is the form, and how is the form realized in the arc of the narrative? Primarily, however, students will write. Our goal will be to have a student's work read and discussed twice in class during the semester. I am hoping to see 40 to 50 pages of a short novel—at any level of completion—by the end of term.

Admission by application only. For information on specific application requirements and instructions, please see the full course listing on the English Department website. DEADLINE: for all Fall 2025 workshops, applications

will open by March 24 and are due via Submittable by 11:59pm on Sunday, April 6. Students will be notified of admissions decisions by 5:00pm ET on Thursday, April 10, and must accept/claim their seats within 24 hours. Workshops will meet the first week of classes.

FAS Divisional Distribution: Arts and Humanities

ENGLISH CALR

Advanced Screenwriting: Workshop

No meeting time listed

Musa Syeed

Course ID: 123934
2026 Spring (4 Credits)

Instructor Permission Required

The feature-length script is an opportunity to tell a story on a larger scale, and, therefore, requires additional preparation. In this class, we will move from writing a pitch, to a synopsis, to a treatment/outline, to the first 10 pages, to the first act of a feature screenplay. We will analyze produced scripts and discuss various elements of craft, including research, writing layered dialogue, world-building, creating an engaging cast of characters. As an advanced class, we will also look at ways both mainstream and independent films attempt to subvert genre and structure. Students will end the semester with a first act (20-30 pages) of their feature, an outline, and strategy to complete the full script.

FAS Divisional Distribution: Arts and Humanities

ENGLISH CAMR

Advanced Playwriting: Workshop

No meeting time listed

Sam Marks

Course ID: 145402
2026 Spring (4 Credits)

Instructor Permission Required

This workshop is a continued exploration of writing for the stage, with an eye towards presentation. The semester will culminate in a staged reading of each student's work for the Harvard Playwrights Festival. Each reading will be directed by a professional director and presented to the public. Students will be encouraged to excavate their own voice in playwriting and learn from the final presentation. The class will examine the design of the stage, the playworld, and the page. Students will attempt multiple narrative strategies and dialogue techniques. They will bolster their craft of playwriting through generating short scripts and a completed one act. Readings will include significant contributors to the theatrical form such as Caryl Churchill and Samuel Beckett as well as contemporary dramatists such as Annie Baker, Jackie Sibbles Drury, Branden Jacobs Jenkins, and Jeremy O. Harris.

FAS Divisional Distribution: Arts and Humanities

ENGLISH CBBR

Intermediate Poetry: Workshop

T 1200 PM - 0245 PM

Joshua Bell

Course ID: 146632
2025 Fall (4 Credits)

Instructor Permission Required

Initially, students can expect to read, discuss, and imitate the strategies of a wide range of poets writing in English; to investigate and reproduce prescribed forms and poetic structures; and to engage in writing exercises meant to expand the conception of what a poem is and can be. As the course progresses, reading assignments will be tailored on an individual basis, and an increasing amount of time will be spent in discussion of student work.

Admission by application only. For information on specific application requirements and instructions, please see the full course listing on the English Department website. DEADLINE: for all Fall 2025 workshops, applications will open by March 24 and are due via Submittable by 11:59pm on Sunday, April 6. Students will be notified of admissions decisions by 5:00pm ET on Thursday, April 10, and must accept/claim their seats within 24 hours. Workshops will meet the first week of classes.

FAS Divisional Distribution: Arts and Humanities

ENGLISH CBBR

Intermediate Poetry: Workshop

No meeting time listed

Course ID: 146632
2026 Spring (4 Credits)

Instructor Permission Required

Joshua Bell

Initially, students can expect to read, discuss, and imitate the strategies of a wide range of poets writing in English; to investigate and reproduce prescribed forms and poetic structures; and to engage in writing exercises meant to expand the conception of what a poem is and can be. As the course progresses, reading assignments will be tailored on an individual basis, and an increasing amount of time will be spent in discussion of student work.

FAS Divisional Distribution: Arts and Humanities

ENGLISH CBST

Blood, Sweat, Tears: The Art and Craft of Horror Writing

R 1200 PM - 0245 PM

William White

Course ID: 220138

2025 Fall (4 Credits)

Instructor Permission Required

This is a fiction workshop for those who are interested in the art and craft of horror literature. In this class, we will learn how other writers have frightened readers with the demonically-willed word and use this knowledge to create our own tales of the macabre. We often create fantastical horrors to help us cope with the very real ones of our everyday lives. In that spirit, the kind of horror we will study and write in this workshop will not be interested in cheap thrills and schlocky gore alone. We will also plumb the depths of what frightens us to better understand ourselves and each other. Authors whose work we will study include: Mariana Enríquez, Samanta Schweblin, Stephen Graham Jones, and Victor LaValle. This workshop is open to both beginning and advanced writers of fiction.

Admission by application only. For information on specific application requirements and instructions, please see the full course listing on the English Department website. DEADLINE: for all Fall 2025 workshops, applications will open by March 24 and are due via Submittable by 11:59pm on Sunday, April 6. Students will be notified of admissions decisions by 5:00pm ET on Thursday, April 10, and must accept/claim their seats within 24 hours. Workshops will meet the first week of classes.

FAS Divisional Distribution: Arts and Humanities

ENGLISH CBW

Fiction Workshop: Bending Worlds

M 0300 PM - 0545 PM

Laura van den Berg

Course ID: 222529

2025 Fall (4 Credits)

Instructor Permission Required

Julio Cortázar: "The fantastic breaks the crust of appearance ... something grabs us by the shoulders to throw us outside ourselves." This workshop will explore the art of writing literature that unsettles our understanding of reality, that splits open the world as we know it, allowing us to encounter new possibilities. The initial weeks will focus on exploratory exercises and the study of published short stories and craft essays. Later, student work will become the primary text as the focus shifts to workshop discussion. Authors on the syllabus will likely include Julio Cortázar, Jorge Luis Borges, Angela Carter, Aoko Matsuda, Helen Oyeyemi, and Octavia Butler. This workshop welcomes writers of all levels of experience.

Admission by application only. For information on specific application requirements and instructions, please see the full course listing on the English Department website. DEADLINE: for all Fall 2025 workshops, applications will open by March 24 and are due via Submittable by 11:59pm on Sunday, April 6. Students will be notified of admissions decisions by 5:00pm ET on Thursday, April 10, and must accept/claim their seats within 24 hours. Workshops will meet the first week of classes.

FAS Divisional Distribution: Arts and Humanities

ENGLISH CCDP

Found Poems, Erasures and Other Adventures in Documentary Poetry

W 1200 PM - 0245 PM

Tracy K. Smith

Course ID: 218757

2025 Fall (4 Credits)

Instructor Permission Required

In their quest for clarity, revelation and consolation, poets engage with, reflect upon and speak back to the world in a range of ways. In pursuit of these very same aims, poets also listen closely to what has already been said by others at registers spanning intimate exchange, public discourse and sacred utterance. In this poetry workshop, we'll engage in an exploration of found materials—letters, news articles, historical texts, police reports, instruction manuals and more—to see what new forms of dialogue they might invite, and what light they might shed upon the questions, concerns and apprehensions of our current time. With readings by Reginald Dwayne Betts, Robin Coste Lewis, Solmaz Sharif, Jay Bernard and others.

Admission by application only. For information on specific application requirements and instructions, please see the full course listing on the English Department website. DEADLINE: for all Fall 2025 workshops, applications will open by March 24 and are due via Submittable by 11:59pm on Sunday, April 6. Students will be notified of admissions decisions by 5:00pm ET on Thursday, April 10, and must accept/claim their seats within 24 hours. Workshops will meet the first week of classes.

FAS Divisional Distribution: Arts and Humanities

ENGLISH CCFC

Poetry Workshop: Form & Content

M 1200 PM - 0245 PM

Tracy K. Smith

Course ID: 218756

2025 Fall (4 Credits)

Instructor Permission Required

In this workshop, we'll look closely at the craft-based choices poets make, and track the effects they have upon what we as readers are made to recognize, remember and feel. How can implementing similar strategies better prepare us to engage the questions making up our own poetic material? We'll also talk about something that, surprisingly enough, doesn't always get a lot of air-time in the workshop: content. What can poetry reveal about the ways our interior selves are shaped by public realities like race, class, sexuality, injustice and more? And what can vigilant attention to craft do to inform and enhance such considerations? This course will proceed as part seminar, part workshop. We will devote roughly one-third to one-half of each session to the discussion of published poems, and the rest to the critique of student work. Beginning in Week 2, take-home writing exercises will be collected from all students.

Admission by application only. For information on specific application requirements and instructions, please see the full course listing on the English Department website. DEADLINE: for all Fall 2025 workshops, applications will open by March 24 and are due via Submittable by 11:59pm on Sunday, April 6. Students will be notified of admissions decisions by 5:00pm ET on Thursday, April 10, and must accept/claim their seats within 24 hours. Workshops will meet the first week of classes.

FAS Divisional Distribution: Arts and Humanities

ENGLISH CFE

Advanced Fiction

No meeting time listed

Indraneel Mukherjee

Course ID: 220419

2026 Spring (4 Credits)

Instructor Permission Required

The course will consist of two halves. In the first hour of each class, we will be doing close readings/literary-critical analyses of an assigned text (see below, 'Course Schedule', for all the reading material for the semester), with the aim of isolating some aspect of the craft of writing in order to take bearings for your own. We will be looking at technical things such as point of view, free indirect discourse, narration, character, interiority, style, movement, affect, but also at broader issues: metaphysics, politics, inequality, race, colonialism/imperialism, the white gaze. You will not only have read the assigned text with critical rigor but also taken notes of the points you want to raise in class. While I do not expect you to hand in short critical essays on the texts, I will be looking for engaged, alert discussions, so it may help to have something written down to facilitate our conversations. Please note: Reading the assigned text is obligatory. Previous Creative Writing workshop experience is desirable. If you're writing YA fantasy, there are other courses on offer that would be a better fit. In the second half of the class, divided into two equal segments of 55 minutes each, we will be workshoping the writing of two students. To this end, every week two students will hand in something they have written, to the tune of 2,500-5,000 words, to me and to everyone in the group, ideally one week before their turn. At our first meeting, I will circulate a rota for you to put down your names and walk you through the syllabus, the aims and objectives of the course, workshop rules, expectations, requirements etc. For our first workshoping session, two students should hand in work five to seven days before. Our goal is for each of you to have two turns, and approximately 5-10,000 words of your work critiqued, by the time semester ends. Copies of these writing samples will be returned to you at the end of each workshop with comments from me and from everyone in class. Work submitted must be single-sided, double-spaced, paginated and, ideally, bearing a title. It must have your name on it and, on the top right-hand corner of the first page, my name and 'Advanced Fiction, Spring 2026'.

FAS Divisional Distribution: Arts and Humanities

ENGLISH CFLF

Flash Fiction: Writing and Workshoping the Very Short Story

W 1200 PM - 0245 PM

William White

Course ID: 226382

2025 Fall (4 Credits)

Instructor Permission Required

How can we tell a compelling story in under three pages, or in one page, or perhaps in just a single sentence? In this workshop, we will explore the genre of flash fiction: stories that are small in size, but grand in ambition. This is a fiction workshop for those who are unabashed sentence-lovers. We will look closely at syntax, at word choice, and, yes, even at grammar and punctuation to uncover what pleasures and mysteries the well-crafted sentence can provide to our readers. We will also consider what we don't include on the page and how we can use this "blank space" to imply larger, more complex narratives. Students will write and workshop several flash fictions throughout the semester. We will also read and study writers who have excelled at the form, including Grace Paley, Diane Williams, Lydia Davis, Peter Orner and more. This workshop is open to both beginning and advanced writers.

Admission by application only. For information on specific application requirements and instructions, please see the full course listing on the English Department website. DEADLINE: for all Fall 2025 workshops, applications will open by March 24 and are due via Submittable by 11:59pm on Sunday, April 6. Students will be notified of admissions decisions by 5:00pm ET on Thursday, April 10, and must accept/claim their seats within 24 hours. Workshops will meet the first week of classes.

FAS Divisional Distribution: Arts and Humanities

ENGLISH CHCR

Advanced Poetry: Workshop

M 0600 PM - 0845 PM

Joshua Bell

Course ID: 130000

2025 Fall (4 Credits)

Instructor Permission Required

By guided reading, classroom discussion, one on one conference, and formal and structural experimentation, members of the Advanced Poetry Workshop will look to hone, deepen, and challenge the development of their poetic inquiry and aesthetic. Students will be required to write and submit one new poem each week and to perform in-depth, weekly critiques of their colleagues' work.

Admission by application only. For information on specific application requirements and instructions, please see the full course listing on the English Department website. DEADLINE: for all Fall 2025 workshops, applications will open by March 24 and are due via Submittable by 11:59pm on Sunday, April 6. Students will be notified of admissions decisions by 5:00pm ET on Thursday, April 10, and must accept/claim their seats within 24 hours. Workshops will meet the first week of classes.

FAS Divisional Distribution: Arts and Humanities

ENGLISH CHCR

Advanced Poetry: Workshop

No meeting time listed

Joshua Bell

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2026 Spring (4 Credits)

Instructor Permission Required

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FAS Divisional Distribution: Arts and Humanities

ENGLISH CKR

Introduction to Playwriting: Workshop

T 1200 PM - 0245 PM

Sam Marks

Course ID: 116875

2025 Fall (4 Credits)

Instructor Permission Required

This workshop is an introduction to writing for the stage through intensive reading and in-depth written exercises. Each student will explore the fundamentals and possibilities of playwriting by generating short scripts and completing a one act play with an eye towards both experimental and traditional narrative styles. Readings will examine various ways of creating dramatic art and include work from contemporary playwrights such as Ayad Akhtar, Clare Barron, Aleshea Harris, Young Jean Lee, Taylor Mac, and Sanaz Toossi as well established work from Edward Albee, Caryl Churchill, Suzan Lori-Parks, and Harold Pinter.

Course Note: TDM CKR is the same course as ENGLISH CKR.

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Workshops will meet the first week of classes.

FAS Divisional Distribution: Arts and Humanities

ENGLISH CLAR

Course ID: 222517

Getting the Words Right: The Art of Revision

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Laura van den Berg

A promising draft is of little use to us as writers if we have no idea what to do next, of how to begin again. This course aims to illuminate how revision can be every bit as creative and exhilarating as getting the first draft down—and how time spent re-imagining our early drafts is the ultimate show of faith in our work. We will explore the art of revision—of realizing the promise of that first draft—through reading, craft discussion, exercises, and workshop. Students can expect to leave the semester with two polished short stories (or 40-50 polished novel pages), a keener understanding of their own writing process, and a plan for where to take their work next. It will be helpful to enter into the semester with some pre-existing material that you wish to revise (a short story, several chapters of a novel). Previous experience with workshoping writing is encouraged but not required.

FAS Divisional Distribution: Arts and Humanities

ENGLISH CLPG

Course ID: 221781

Play and Games: The Art of Sportswriting

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Louisa Thomas

In newsrooms, the sports section is sometimes referred to as the "toy department" -- frivolous and unserious, unlike the stuff of politics, business, and war. In this course, we will take the toys seriously. After all, for millions of people, sports and other so-called trivial pursuits (video games, chess, board games, and so on) are a source of endless fascination. For us, they will be a source of stories about human achievements and frustrations. These stories can involve economic, social, and political issues. They can draw upon history, statistics, psychology, and philosophy. They can be reported or ruminative, formally experimental or straightforward, richly descriptive or tense and spare. They can be fun. Over the course of the semester, students will read and discuss exemplary profiles, essays, articles, and blog posts, while also writing and discussing their own. While much (but not all) of the reading will come from the world of sports, no knowledge about sports is required; our focus will be on writing for a broad audience.

FAS Divisional Distribution: Arts and Humanities

ENGLISH CLR

Course ID: 116874

Introduction to Screenwriting: Workshop

2025 Fall (4 Credits)

T 1200 PM - 0245 PM

Instructor Permission Required

Musa Syeed

The short film, with its relatively lower costs of production and expanded distribution opportunities, has become one of the most disruptive, innovative modes of storytelling--and is often an emerging filmmaker's first step into a career. This course will introduce students to the basics of short form screenwriting, including narrative theory/structure, character design, and dialogue/voice. In the first quarter of the semester, we will hone dramatic techniques through several craft exercise assignments and in-class writing. In the following weeks, students will write two short screenplays. Throughout the semester, we will be workshoping and doing table reads of student work, discussing screenplays and craft texts, and screening a wide array of short films. The emphasis will be on discovering a sense of personal voice and completing two short screenplays (under 20 pages).

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FAS Divisional Distribution: Arts and Humanities

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FAS Divisional Distribution: Arts and Humanities

Creative Nonfiction Workshop: Comedy and Creative Nonfiction

R 1200 PM - 0245 PM

*Instructor Permission Required**Melissa Cundieff*

In this workshop-based class, students will be asked to use humor as the bedrock of their creative nonfiction writing. Humor connects us as human beings and creates and sustains attention and trust from our readers. You will write three nonfiction essays in this class, and the topics that you touch on may well be dark or difficult; this is up to you. Humor is often a means to navigating, inverting, and confronting our sadder and most challenging life stories. As I see it, making people laugh is an intellectual exercise in empathy as much as it is an exercise in healing and happiness. We will read essays by Samantha Irby, Rafael Agustin, Jia Tolentino, Roxanne Gay, David Sedaris, Amy Roach, Trevor Noah, Hua Hsu, Terry Galloway, among others. We will also view performances by Nathan Fielder, Sabrina Wu, Beth Stelling, Asha Ward, Zainab Johnson, among others. For stand-up comedians of any level enrolled in this class, you will have the option of writing and performing a standup set.

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FAS Divisional Distribution: Arts and Humanities

Creative Nonfiction: Departure and Return: "Home" as Doorway to Difference and Identity

R 0300 PM - 0545 PM

*Instructor Permission Required**Melissa Cundieff*

In this workshop-based class, students will be asked to investigate something that directly or indirectly connects everyone: what it means to leave a place, or one's home, or one's land, and to return to it, willingly or unwillingly. This idea is inherently open-ended because physical spaces are, of course, not our only means of departure and/or return-- but also our politics, our genders, our relationships with power, and our very bodies. Revolution, too, surrounds us, on both larger and private scales, as does looking back on what once was, what caused that initial departure. Students will approach "home" as both a literal place and a figurative mindscape. We will read essays by Kate Greene, Andrea Long Chu, Ciara Alfaro, Xujun Eberlein, Robert Anthony Siegel, David Truer, Angelique Stevens, among others.

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FAS Divisional Distribution: Arts and Humanities

Past Selves and Future Ghosts*No meeting time listed**Instructor Permission Required**Melissa Cundieff*

As memoirist and author Melissa Febos puts it: "The narrator is never you, and the sooner we can start thinking of ourselves on the page that way, the better for our work. That character on the page is just this shaving off of the person that was within a very particular context, intermingled with bits of perspective from all the time since — it's a very specific little cocktail of pieces of the self and memory and art ... it's a very weird thing. And then it's frozen in the pages." With each essay and work of nonfiction we produce in this workshop-based class, the character we portray, the narrator we locate, is never stagnant, instead we are developing a persona, wrought from the experience of our vast selves and our vast experiences. To that end, in this course, you will use the tools and stylistic elements of creative nonfiction, namely fragmentation, narrative, scene, point of view, speculation, and research to remix and retell all aspects of your experience and selfhood in a multiplicity of ways. I will ask that you focus on a particular time period or connected events, and through the course of the semester, you will reimagine and reify these events using different modes and techniques as modeled in the published and various works we read. We will also read, in their entirety, Melissa Febos's *Body Work: The Radical Work of Personal Narrative*, as well as Hanif Abdurraqib's *They Can't Kill Us Until They Kill Us*, which will aid our discussions and help us to better understand the difference between persona(s) and the many versions of self that inhabit us.

FAS Divisional Distribution: Arts and Humanities

Creative Nonfiction Workshop: Using Music*No meeting time listed**Instructor Permission Required**Melissa Cundieff*

In this workshop-based class, students will think deeply about how music is often at the center of their experiences, may it be as a song, an album, an artist, their own relationship with an instrument, etc. This class will entail writing true stories about one's life in which the personal and music orbit and/or entangle each other. This will include some journalism and criticism, but above all it will ask you to describe how and why music matters to your lived life. We will read work by Hayao Miyazaki, Jia Tolentino, Kaveh Akbar, Oliver Sacks, Susan Sontag, Adrian Matejka, among many others, (as well as invite and talk with guest speaker(s)). This class is open to all levels.

FAS Divisional Distribution: Arts and Humanities

The Writer Directs: A Script to Screen Workshop

W 1200 PM - 0245 PM

*Instructor Permission Required**Musa Syeed*

Writing is directing and directing is writing. The best screenwriters don't just write snappy dialogue or craft character arcs; they "speak" the primal, visual language of cinema. Working from pre-existing plays/screenplays, as well as from our own original written material, we will explore how to bring a scene on the page to life. Using script analysis and pre-visualization techniques, each student will produce several video exercises to experiment with how words on the page can be effectively translated to the screen.

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FAS Divisional Distribution: Arts and Humanities

Narrative Journalism

R 0300 PM - 0545 PM

*Instructor Permission Required**Darcy Frey*

In this hands-on writing workshop, we will study the art of narrative journalism in many different forms: Profile

writing, investigative reportage, magazine features. How can a work of journalism be fashioned to tell a captivating story? How can the writer of nonfiction narratives employ the scene-by-scene construction usually found in fiction? How can facts become the building blocks of literature? Students will work on several short assignments to practice the nuts-and-bolts of reporting, then write a longer magazine feature to be workshopped in class and revised at the end of the term. We will take instruction and inspiration from the published work of literary journalists such as Joan Didion, John McPhee, Adrian Nicole LeBlanc, and John Jeremiah Sullivan. This is a workshop-style class intended for undergraduate and graduate students at all levels of experience. No previous experience in English Department courses is required.

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FAS Divisional Distribution: Arts and Humanities

ENGLISH CNFJ

Narrative Journalism

Course ID: 224422

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Darcy Frey

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FAS Divisional Distribution: Arts and Humanities

ENGLISH CNFR

Creative Nonfiction: Workshop

Course ID: 145426

2025 Fall (4 Credits)

W 0300 PM - 0545 PM

Instructor Permission Required

Darcy Frey

Whether it takes the form of literary journalism, essay, memoir, or environmental writing, creative nonfiction is a powerful genre that allows writers to break free from the constraints commonly associated with nonfiction prose and reach for the breadth of thought and feeling usually accomplished only in fiction: the narration of a vivid story, the probing of a complex character, the argument of an idea, or the evocation of a place. Students will work on several short assignments to hone their mastery of the craft, then write a longer piece that will be workshopped in class and revised at the end of the term. We will take instruction and inspiration from published authors such as Joan Didion, James Baldwin, Ariel Levy, Alexander Chee, and Virginia Woolf. This is a workshop-style class intended for undergraduate and graduate students at all levels of experience. No previous experience in English Department courses is required.

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FAS Divisional Distribution: Arts and Humanities

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Instructor Permission Required

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FAS Divisional Distribution: Arts and Humanities

ENGLISH CNW

The Novel Workshop

No meeting time listed

William White

Course ID: 226610

2026 Spring (4 Credits)

Instructor Permission Required

In this workshop, we will study the art and craft of writing novels. We'll consider published work in order to get a better sense of the multiple choices writers can make when they shape a book-length narrative. Our objectives will be the following: (1) to prepare you for writing a novel, (2) to deepen your reading of other writers' work, (3) to workshop the opening chapter(s) of your novel, (4) to help you create a working outline for the kind of book you want to write. While some workshop experience would be useful, it is not required. Students who wish to apply for a creative thesis focused on fiction / a novel-length project are strongly encouraged to take this workshop.

ENGLISH CPOM

Specialized Topics in Playwriting: Object Memory

No meeting time listed

Sam Marks

Course ID: 226556

2026 Spring (4 Credits)

Instructor Permission Required

Being a theater artist often involves moving in several directions in time simultaneously. We think about our past, our lives, our work, our moment, our vision. How do we find inspiration? How do we make work? How do our creations for the stage live in relation to 'the rest of our lives'. Our use of objects and our memory of those objects can help respond to these questions in writing and acting. This class will seek to have students examine object memory in writing. Students will do writing exercises inspired by visual artists and other playwrights such as Samuel Beckett, Marie Irene Fornes, Louise Bourgeois, Felix Gonzalez Torres, and Cyndi Sherman to see how they extrapolates theater making from the object-memory process. Through writing and discussion, we will investigate ways of being a theater maker. The class will help build student's new play development process toolkit, as they move through the stages of inspiration and execution, from memory to idea to text to performance to image to production. We ask how, as artists, our perspective on the world gets translated into the work we create.

ENGLISH CSJM

Who Do You Think You Are: A Creative Nonfiction Workshop

R 1200 PM - 0245 PM

Saeed Jones

Course ID: 224740

2025 Fall (4 Credits)

Instructor Permission Required

People don't just happen. In this workshop-based class, students will explore the capacity of memoir and cultural criticism to illuminate their understanding of memory, connection, and self-making. This course is as invested in the craft of writing as it is in interrogating how storytelling functions within systems of power. Students will be asked to consider what the work is doing to us, and what we are using our own work to do to others. Classes will alternate between workshop discussions, in-class writing exercises and close readings of nonfiction by Lucille Clifton, Eula Biss, Carmen Maria Machado, Toni Morrison, Vivian Gornick, Hanif Abdurraqib, and Kiese Laymon among others.

This course will be taught by Saeed Jones, MFA. If you are interested in joining the course, please complete this application by August 11, 2025. A maximum of 12 students will be selected to join the course. The application requires a 2-3 page writing sample and a 250 word maximum reflection on why this course appeals to you. We will follow up with everyone who applies for the course by email once decisions are made. This course is also offered through the Harvard Medical School as MMH 709.

FAS Divisional Distribution: Arts and Humanities

ENGLISH CTCH
Hybrid Beast: Form, Manifesto, and Wild Experiment: Poetry Workshop
with Tina Chang

Course ID: 226804
2026 Spring (4 Credits)

Instructor Permission Required

The tradition of poetry is widening, drawing from many art forms, blending and fusing to create contemporary cross-pollinated forms. In this class we will explore the many ways in which poetry is increasingly a hybrid beast, as innovative projects are envisioned across genres. We will begin with some traditional forms and move toward discussing the process by which poets work with visual art, comics, research and white space. We will practice the ekphrastic poem, long poem, zuihitsu, mosaic poem, erasure, collage, ghazal, pecha kucha, and the many formal experiments that make the current environment of poetry so eclectic and exciting. Class work will be comprised of student writing and critique, linguistic adventure, wild meanderings, in order to understand future possibilities for one's own poems. The final project is a multi-disciplinary chapbook (no previous chapbook experience necessary) and an optional class reading.

ENGLISH CTLL
"Telling and Retelling": Reshaping and Remixing Myths and Fairy Tales

Course ID: 220139
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

William White

This is a fiction workshop for those who are interested in retellings. In this class, we will learn how other writers of the 20th and 21st centuries have taken fairy tales, epic poetry, problematic horror, and Chekov's short fiction, and retooled them for their own purposes. You will also practice the art of retelling in two ways: first, you will write your own flash piece inspired by some fairy tale of your choosing, and second, you will select another "story" (I use this term broadly – you can select just about anything you wish, within limitation, of course) to retell in a full-length short story or novel chapter. This workshop is open to beginning and advanced writers.

FAS Divisional Distribution: Arts and Humanities

ENGLISH CTMA
Poetry As Magic: Poetry Workshop with Tina Chang

Course ID: 226805
2026 Spring (4 Credits)

Instructor Permission Required

Magic: [maj-ik] (noun): power or influence exerted through art; any extraordinary or mystical influence, charm, power. The name of this course pays tribute to a class that poet Jack Gilbert took with Jack Spicer. What summons us to a poem or a poet? Is it lyricism, a singular voice, an undeniable image, incantation, song, material so raw that we cannot turn away? Though one can certainly view poems as well-oiled machines to perfect and hone, we might also view poems as living energy that requires creation, motion, resuscitation, heartbeat. In these poems, we are immediately under the poem's spell as we are asked to walk into their imagined dwellings. So how do we tap into this magic as writers? We will read writers from different schools, cultures and traditions, examining how they define themselves. This class teaches students to analyze and interpret written texts, and to craft clear writing that exerts a quiet, magical influence on the reader. Class work will be comprised of student writing and critique, formal experiments, and creative play. Writing is produced and discussed each week, followed by a revision portfolio and a final chapbook

ENGLISH CTV
Writing for Television: Developing the Pilot: Workshop

Course ID: 203266
2025 Fall (4 Credits)

M 1200 PM - 0245 PM

Instructor Permission Required

Sam Marks

This workshop introduces the television pilot with a focus on prestige drama and serialized comedy. Students will excavate their own voice and explore the structure and execution of pilot writing through a first draft of their own original script. With intensive reading and discussion of student work we will examine elements of TV writing, such as treatments and outlines as well as character, dialogue, tone, plot, and, most importantly, vision. Over the semester, we'll turn ideas into worlds and worlds into scripts.

Admission by application only. For information on specific application requirements and instructions, please see the full course listing on the English Department website. DEADLINE: for all Fall 2025 workshops, applications will open by March 24 and are due via Submittable by 11:59pm on Sunday, April 6. Students will be notified of admissions decisions by 5:00pm ET on Thursday, April 10, and must accept/claim their seats within 24 hours. Workshops will meet the first week of classes.

FAS Divisional Distribution: Arts and Humanities

ENGLISH 10

Literature Today

MW 0130 PM - 0245 PM

Deidre Lynch, Indraneel Mukherjee

Course ID: 132844
2025 Fall (4 Credits)

All literature was contemporary at some point, but the literature that is contemporary now provides special opportunities for enjoying, questioning, and understanding the world. Literature Today focuses on works written since 2000—since most of you were born. It explores how writers from around the world speak to and from their personal and cultural situations, addressing current problems of economic inequality, technological change, structural prejudice, and divisive politics. We will encounter a range of genres, media, and histories to study contemporary literature as a living, evolving system. The course uniquely blends literary study and creative writing—students will analyze literature and make literature. The conviction that these practices are complementary will inform our approach to readings and course assignments.

FAS Divisional Distribution: Arts and Humanities

ENGLISH 20

Literary Forms

TR 1200 PM - 0115 PM

Leah Whittington

Course ID: 216063
2025 Fall (4 Credits)

Instructor Permission Required

This foundational course for English concentrators examines literary form and genre. We explore some of the many kinds of literature as they have changed over time, along with the shapes and forms that writers create, critics describe, and readers learn to recognize. The body of the course looks to the great literary types, or modes, such as epic, tragedy, and lyric, as well as to the workings of literary style in moments of historical change, producing the transformation, recycling, and sometimes the mocking of past forms. While each version of English 20 includes a different array of genres and texts from multiple periods, those texts will always include five major works from across literary history: Beowulf (epic), The Winter's Tale (tragicomedy or romance), Persuasion (comic novel), The Souls of Black Folk (essays; expository prose), and Elizabeth Bishop's poems (lyric). The course integrates creative writing with critical attention: assignments will take creative as well as expository and analytical forms.

Course Note: English 20 is one of the required Common Courses for English concentrators and Secondaries and is a limited enrollment course which will prioritize sophomores and first-years; juniors and seniors who want to take it as an elective will be considered for any remaining spots. Enrollment priority exceptions may be made for people changing concentrations or presenting other notable reasons.

FAS Divisional Distribution: Arts and Humanities

ENGLISH 20

Literary Forms

No meeting time listed

Glenda Carpio

Course ID: 216063
2026 Spring (4 Credits)

Instructor Permission Required

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FAS Divisional Distribution: Arts and Humanities

ENGLISH 20 (002)

Course ID: 216063

Literary Forms

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Christopher Pexa

This foundational course for English concentrators examines literary form and genre. We explore some of the many kinds of literature as they have changed over time, along with the shapes and forms that writers create, critics describe, and readers learn to recognize. The body of the course looks to the great literary types, or modes, such as epic, tragedy, and lyric, as well as to the workings of literary style in moments of historical change, producing the transformation, recycling, and sometimes the mocking of past forms. While each version of English 20 includes a different array of genres and texts from multiple periods, those texts will always include five major works from across literary history: Beowulf (epic), The Winter's Tale (tragicomedy or romance), Persuasion (comic novel), The Souls of Black Folk (essays; expository prose), and Elizabeth Bishop's poems (lyric). The course integrates creative writing with critical attention: assignments will take creative as well as expository and analytical forms.

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FAS Divisional Distribution: Arts and Humanities

ENGLISH 90AH

Course ID: 220106

Asian American Theater and Performance

2025 Fall (4 Credits)

T 1245 PM - 0245 PM

Instructor Permission Required

Ju Yon Kim

This seminar will explore Asian American theater and performance, including drama, musicals, and experimental performances. We will examine how Asian American artists have responded to popular images of Asian immigrants and cultures; how Asian American theater companies have cultivated and expanded our understanding of American theater and Asian American identity; and how artists and productions have engaged with historical events and contemporary issues. The class will include a visit to the Harvard Theatre Collection, a group trip to see a local performance, and guest speakers. There is no prerequisite for this course and all students are welcome to enroll.

This course satisfies the "1900-2000 Guided Elective" requirement for English concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

ENGLISH 90AM

Course ID: 226421

Shakespeare After Hamlet

2025 Fall (4 Credits)

M 1245 PM - 0245 PM

Instructor Permission Required

Gordon Teskey

How did Shakespeare's art develop in the years following Hamlet (1600-1601), which ends with a roar of cannons, warning of great tragedies to come? The second half of Shakespeare's career (1601-1611) includes such magnificent plays as Othello, King Lear, Macbeth, Antony and Cleopatra, Coriolanus, and The Tempest. His style becomes more gnarly and tough, more expressive and free. His view of human character becomes harsher, yet his vision of love grows deeper. The course ends with The Tempest, Shakespeare's magical farewell to the stage. Shakespeare's art will be explored through performance of scenes. There are fascinating film versions of these and other late plays, including a version of Hamlet set in New York City, where the "To be or not to be" speech is left on a telephone answering machine. In this course we examine how for us today, as in Shakespeare's own time, what we think of as Shakespeare's plays is the result of interaction between what was written on the page and what was performed on the stage—or, in our case, in film versions. Final projects for this seminar will involve taking an individual play and comparing the text with two film versions.

This course satisfies the "Pre-1700 Guided Elective" requirement for English concentrators and Secondary Field

students.

FAS Divisional Distribution: Arts and Humanities

ENGLISH 90EB

Elizabeth Bishop and Others

R 0300 PM - 0545 PM

Vidyan Ravinthiran

Course ID: 216197

2025 Fall (4 Credits)

Instructor Permission Required

This course introduces students to the poetry, literary prose, and artful correspondence of one of the major poets of the twentieth century, considering her innovations in all these genres. We will look at her writing alongside the mid-century shift from "closed" to "open" verse forms, and relate stylistic issues to the intellectual and social changes, and political and historical developments of the period. Bishop's critique of received ideas about nationality, race, power, gender, sexual orientation, and the overlap between culture and nature, connects with her cosmopolitanism: she has links to Canada, the U.S, and Brazil. "Others" refers to how her writing considers the sociopolitical reality of other people, and also to the comparisons we'll draw between her writing and that of other poets.

This course satisfies the "1900-2000 Guided Elective" requirement for English concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

ENGLISH 90FF

Indigenous Sci Fi, Horror, Fantasy, and Futurisms

No meeting time listed

Christopher Pexa

Course ID: 222815

2026 Spring (4 Credits)

Instructor Permission Required

This course will examine contemporary writings by Native American and Indigenous authors across the genres of sci fi, horror, and fantasy, with the aim of thinking about Native American and Indigenous futures (and futurisms) more broadly, and also in ways that may exceed genre altogether. In other words, our investigation will be organized according to conventional sci fi genres of slipstream, alien contact, and apocalypse, but also to non-genre expressions of Indigenous futurity. By juxtaposing literary works from authors writing both within the boundaries of the United States and beyond, we will be able to make connections between them that highlight both their common sovereignty struggles and shared utopian visions, but also keeps in view the many meaningful differences in how Native American and Indigenous aesthetic productions perform the work of future-making.

This course satisfies the "1900-2000 Guided Elective" requirement for English concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

ENGLISH 90KA

The Brontës

No meeting time listed

Elaine Scarry

Course ID: 109348

2026 Spring (4 Credits)

Instructor Permission Required

Writings by Emily, Anne, and Charlotte Brontë, as well as the later novels and films their work inspired.

This course satisfies the "1700-1900 Guided Elective" requirement for English concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

ENGLISH 90LF

Living a Feminist Life from Wollstonecraft to Woolf

No meeting time listed

Deidre Lynch

Course ID: 226409

2026 Spring (4 Credits)

Instructor Permission Required

This course satisfies the "1700-1900 Guided Elective" requirement for English concentrators and Secondary Field students.

ENGLISH 90LN

Harvard and Native Lands

No meeting time listed

Alan Niles

Course ID: 220241
2026 Spring (4 Credits)

Instructor Permission Required

Harvard's beginnings included a promise to educate both "English and Indian youth." From its inception, however, Harvard's endowment included Native lands expropriated through war, theft, and coercion. Drawing inspiration from Harvard's own Legacy of Slavery initiative and the Land-Grab Universities website, this class will conduct original research on Harvard's long history of involvement with Native communities and Native lands. We will work hands-on with archives at Harvard and other area institutions, developing research skills in navigating collections, reading early handwriting, and interpreting colonial documents. Readings and class activities will engage New England colonialism, the long history of Indigenous dispossession and resistance, and the political struggles of Indigenous communities today. We will closely examine texts including poems, speeches, oral narratives, maps, short stories, and deeds, exploring the centrality of land and environment in colonial and Indigenous histories and literatures. In the second half of our class, we will work collaboratively to design and execute group or individual research projects. Previous iterations of this course in Fall 2022 and Fall 2023 gathered data on Harvard's land transactions and resulted in a set of student-driven research projects on sites, properties, and individuals connected to Harvard's Indigenous pasts; our research will build on that work.

This course satisfies the "Pre-1700 Guided Elective" requirement for English concentrators and Secondary Field students.

FAS Divisional Distribution: Social Sciences

ENGLISH 90LV

Consciousness in Fiction from Austen to Woolf

M 0300 PM - 0545 PM

James Wood

Course ID: 118850
2025 Fall (4 Credits)

Instructor Permission Required

In this seminar, we look at the ways in which a range of writers represent the mind on the page: the mind at thought, in agitation, at rest, at prayer, in distress, in rebellion, and just doing nothing (or apparently nothing). This examination allows us to scrutinize just over a hundred years of novelistic development and experiment – from 1813 to 1927, from Jane Austen to Virginia Woolf – a period that might rightly be considered the high-point of the novel's rise. We will discover that as the novelistic treatment of consciousness changes, so the idea of what a mind (or a self) is, also changes: the form (the means of representation) modifies the content (what is represented). What might seem at first like a fairly small thing – a question of novelistic technique – will turn out to have massive and far-reaching consequences for our sense of self. Writers studied: Austen, Flaubert, Dostoevsky, Tolstoy, Chekhov, Fontane, Woolf.

This course satisfies the "1700-1900 Guided Elective" requirement for English concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

ENGLISH 90MC

Before the Novel: Medieval Romance

No meeting time listed

Nicholas Watson

Course ID: 226410
2026 Spring (4 Credits)

Instructor Permission Required

This course would read a wide selection of romances, one of the great narrative forms of the middle ages. We'd look at specific romance elements, including the quest; at the structure of romances or what Jameson calls their "ecology," the experimental spaces they open and eventually close; at the gendering of persons within romances; and other topics. Texts TBD but would include one or two Marie de France Lais (short romances); at least one Arthur story, potentially Malory's *Morte d'Arthure* (selections); King Horn and Haveloc the Dane; Sir Gawain and the Green Knight; and others. Some in translation, some in Middle English.

This course satisfies the "Pre-1700 Guided Elective" requirement for English concentrators and Secondary Field students.

ENGLISH 90QR

LGBTQ+ literature and its friends

Course ID: 222149
2025 Fall (4 Credits)

Stephanie Burt

Queer, trans, genderfluid, lesbian, gay, bi, pan and ace or aro authors and creators who made their gender and sexuality important to their writings, with a mix of the obviously influential (Wilde; Bechdel), the precursors (Katherine Philips), and others worth hearing and re-reading (Danez Smith; David Bowie; Patrick White). We will read critics and theorists who can tell us about the history of sex and gender, but our focus will remain on the artists-- poets, novelists, memoirists, songwriters, comics creators, and others-- and on their works of art.

FAS Divisional Distribution: Arts and Humanities

ENGLISH 90SU

Course ID: 226411

Superheroes: Stories, Characters, Comics, Art and Society

2026 Spring (4 Credits)

*No meeting time listed**Instructor Permission Required*

Stephanie Burt

What's a superhero and why do people care? Where do they come from, what do they do, and why would anyone ever choose to be one? We will follow those questions through DC and Marvel continuity, with attention to super-famous figures, national myths, and groups of young people and outcasts: Superman, Supergirl, the X-Men, Captain America (and Bucky), Wakanda. We will think about sexuality, and (respectfully!) about the military. We will look at comics as an art form and as a visual medium. We will consider these larger-than-life figures in older narrative works (probably by John Milton), in fiction, in new poems, and in games. And-- with the help of a tabletop role-playing game-- we may create heroes and heroic plots of our own.

This course satisfies the "1900-2000 Guided Elective" requirement for English concentrators and Secondary Field students.

ENGLISH 90TK

Course ID: 222128

Tolkien's Library

2026 Spring (4 Credits)

*No meeting time listed**Instructor Permission Required*

Daniel Donoghue

J. R. R. Tolkien's day job at Oxford was professor of medieval English literature. Throughout his career he cultivated a deep acquaintance with early English and other literatures from the cultures of northwestern Europe, which informed the fantasy worlds he created. We will read broad selections from translations of works that he drew from: Old English poems, Norse sagas, Celtic literature, and the Finnish Kalevala. Although Tolkien's fiction will not be an integral part of the syllabus, we will make occasional connections to passages from *The Lord of the Rings*, *The Hobbit*, and/or *Silmarillion*. The readings of medieval literature will be supplemented by relevant criticism.

This course satisfies the "Pre-1700 Guided Elective" requirement for English concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

ENGLISH 91R

Course ID: 110763

Supervised Reading and Research

2026 Spring (4 Credits)

*No meeting time listed**Instructor Permission Required*

Daniel Donoghue

The Supervising Reading and Research tutorial is a type of student-driven independent study offering individual instruction in subjects of special interest that cannot be studied in regular courses. English 91r is supervised by a member of the English Department faculty. It is a graded course and may not be taken more than twice, and only once for concentration credit. Students must submit a proposal and get approval from the faculty member with whom they wish to work. Proposed syllabi and faculty approval must be submitted and verified by the English Department Undergraduate Office by the Course Registration Deadline.

Course Note: A graded course. May not be taken more than twice and only once for concentration.

FAS Divisional Distribution: Arts and Humanities

Supervised Reading and Research

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Leah Whittington*

The Supervising Reading and Research tutorial is a type of student-driven independent study offering individual instruction in subjects of special interest that cannot be studied in regular courses. English 91r is supervised by a member of the English Department faculty. It is a graded course and may not be taken more than twice, and only once for concentration credit. Students must submit a proposal and get approval from the faculty member with whom they wish to work. Proposed syllabi and faculty approval must be submitted and verified by the English Department Undergraduate Office by the Course Registration Deadline.

Course Note: A graded course. May not be taken more than twice and only once for concentration.

FAS Divisional Distribution: Arts and Humanities

Sophomore Tutorial: Literary Methods

2025 Fall (4 Credits)

MW 1200 PM - 0115 PM

*Instructor Permission Required**Alan Niles*

This course, taught in small groups and required for concentrators, introduces theories, interpretive frameworks, and central questions about literature and literary media. What do we do when we read? What is an author? What do we mean by "literature" itself? How might we compare and evaluate interpretations? How do the historical, social, cultural, and legal frameworks around a text shape its meanings and its effects? Combining major critical and theoretical writings with primary works, the course investigates how literary production and interpretation are informed by philosophical and aesthetic traditions, gender and sexuality, race and ethnicity, national and post-colonial identities, and the material forms in which literature circulates, from parchment books to the internet. Students will also practice fundamental literary research methods through close engagement with Harvard libraries.

FAS Divisional Distribution: Arts and Humanities

Sophomore Tutorial: Literary Methods

2026 Spring (4 Credits)

*No meeting time listed**Instructor Permission Required**Anna Wilson*

This course, taught in small groups and required for concentrators, introduces theories, interpretive frameworks, and central questions about literature and literary media. What do we do when we read? What is an author? What do we mean by "literature" itself? How might we compare and evaluate interpretations? How do the historical, social, cultural, and legal frameworks around a text shape its meanings and its effects? Combining major critical and theoretical writings with primary works, the course investigates how literary production and interpretation are informed by philosophical and aesthetic traditions, gender and sexuality, race and ethnicity, national and post-colonial identities, and the material forms in which literature circulates, from parchment books to the internet. Students will also practice fundamental literary research methods through close engagement with Harvard libraries.

FAS Divisional Distribution: Arts and Humanities

Sophomore Tutorial: Literary Methods

2026 Spring (4 Credits)

*No meeting time listed**Instructor Permission Required**Tara Menon*

This course, taught in small groups and required for concentrators, introduces theories, interpretive frameworks, and central questions about literature and literary media. What do we do when we read? What is an author? What do we mean by "literature" itself? How might we compare and evaluate interpretations? How do the historical, social, cultural, and legal frameworks around a text shape its meanings and its effects? Combining major critical and theoretical writings with primary works, the course investigates how literary production and interpretation are informed by philosophical and aesthetic traditions, gender and sexuality, race and ethnicity, national and post-colonial identities, and the material forms in which literature circulates, from parchment books

to the internet. Students will also practice fundamental literary research methods through close engagement with Harvard libraries.

FAS Divisional Distribution: Arts and Humanities

ENGLISH 98R	Course ID: 113443
Tutorial - Junior Year	2025 Fall (4 Credits)
W 0900 AM - 1100 AM	<i>Instructor Permission Required</i>
<i>Jeffrey Careyva, Alan Niles</i>	
Topic: Literature and Medicine	
Supervised small group junior tutorial in the study of literature in English.	

FAS Divisional Distribution: Arts and Humanities

ENGLISH 98R	Course ID: 113443
Tutorial - Junior Year	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Yoojung Chun, Alan Niles</i>	
Topic: World Literature	
Supervised small group junior tutorial in the study of literature in English.	

FAS Divisional Distribution: Arts and Humanities

ENGLISH 98R (002)	Course ID: 113443
Tutorial - Junior Year	2025 Fall (4 Credits)
T 1245 PM - 0245 PM	<i>Instructor Permission Required</i>
<i>Amanda Gunn, Alan Niles</i>	
Topic: Form and Freedom	
Supervised small group junior tutorial in the study of literature in English.	

FAS Divisional Distribution: Arts and Humanities

ENGLISH 98R (002)	Course ID: 113443
Tutorial - Junior Year	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Manan Kapoor, Alan Niles</i>	
Topic: Travel, Travelers, Travelogues	
Supervised small group junior tutorial in the study of literature in English.	

FAS Divisional Distribution: Arts and Humanities

ENGLISH 98R (003)	Course ID: 113443
Tutorial - Junior Year	2025 Fall (4 Credits)
M 0300 PM - 0500 PM	<i>Instructor Permission Required</i>
<i>Katherine Horgan, Alan Niles</i>	
Topic: Virginia Woolf	
Supervised small group junior tutorial in the study of literature in English.	

FAS Divisional Distribution: Arts and Humanities

ENGLISH 98R (003)

Tutorial - Junior Year

No meeting time listed

Eunice Lee, Alan Niles

Topic: Friendships, Intimacies

Supervised small group junior tutorial in the study of literature in English.

Course ID: 113443

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Arts and Humanities

ENGLISH 98R (004)

Tutorial - Junior Year

T 1200 PM - 0245 PM

Wyatt Sarafin, Alan Niles

Topic: Sentimental Matters

Supervised small group junior tutorial in the study of literature in English.

Course ID: 113443

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Arts and Humanities

ENGLISH 98R (004)

Tutorial - Junior Year

No meeting time listed

Jordan Taliha McDonald, Alan Niles

Topic: Black Literature

Supervised small group junior tutorial in the study of literature in English.

Course ID: 113443

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Arts and Humanities

ENGLISH 98R (005)

Tutorial - Junior Year

T 0300 PM - 0500 PM

Celine Shanosky, Alan Niles

Topic: American Modernisms

Supervised small group junior tutorial in the study of literature in English.

Course ID: 113443

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Arts and Humanities

ENGLISH 98R (005)

Tutorial - Junior Year

No meeting time listed

Sofia Carbonell Realme, Alan Niles

Topic: Bones of the Gothic

Supervised small group junior tutorial in the study of literature in English.

Course ID: 113443

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Arts and Humanities

ENGLISH 99R

Senior Tutorial

No meeting time listed

Leah Whittington

Supervised individual tutorial in an independent scholarly, critical, or creative subject.

Course ID: 114256

2025 Fall (4 Credits)

Instructor Permission Required

ENGLISH 99R
Senior Tutorial

Course ID: 114256
2026 Spring (4 Credits)

No meeting time listed
Leah Whittington

Instructor Permission Required

Supervised individual tutorial in an independent scholarly, critical, or creative subject.

FAS Divisional Distribution: Arts and Humanities

ENGLISH 99R (002)
Senior Tutorial

Course ID: 114256
2025 Fall (4 Credits)

No meeting time listed
Leah Whittington

Instructor Permission Required

Supervised individual tutorial in an independent scholarly, critical, or creative subject.

FAS Divisional Distribution: Arts and Humanities

ENGLISH 99R (002)
Senior Tutorial

Course ID: 114256
2026 Spring (4 Credits)

No meeting time listed
Leah Whittington

Instructor Permission Required

Supervised individual tutorial in an independent scholarly, critical, or creative subject.

FAS Divisional Distribution: Arts and Humanities

ENGLISH 111
Epic: From Homer to Star Wars

Course ID: 130257
2026 Spring (4 Credits)

No meeting time listed
Leah Whittington

Epic is one of the most enduring and far-reaching forms of artistic expression. From the heroic poems of the ancient Near East to modern films of quest and adventure, epic speaks to the shared values and collective aspirations of cultures, peoples, and communities. But if its formal conventions and thematic interests endure, epic changes over time. In this course, you will study the historical and literary evolution of epic as it moves from oral verse into new genres and media, reading texts from the ancient Mediterranean alongside works of poetry, fiction, and cinema from early modern Britain, twentieth-century America, and the contemporary Global South. We will look at some texts in their entirety and others in extracts, focusing on Homer's *Iliad* and *Odyssey*, Vergil's *Aeneid*, Milton's *Paradise Lost*, Derek Walcott's *Omeros*, The Mahabharata (in prose and film versions), and George Lucas' *Star Wars*, with detailed analysis of Gwendolyn Brooks's American epics on Black life, Annie Allen and *In the Mecca*. If issues of identity, belonging, and community have always been explored in epic, what is the place of epic in a pluralist multi-culture? What are our contemporary epics today?

FAS Divisional Distribution: Arts and Humanities

ENGLISH 115B
Chaucer: The Canterbury Tales

Course ID: 146214
2025 Fall (4 Credits)

MW 1200 PM - 0115 PM
Anna Wilson

What makes stories so pleasurable and revealing but also so enraging and dangerous? How are we to think about the strong emotions they evoke and learn to resist as well as appreciate their power? This course revisits Geoffrey Chaucer's classic fourteenth-century poem, *The Canterbury Tales*: the deepest and most caustically

entertaining analysis of storytelling ever written. The *Canterbury Tales* consists of a series of tales told by members of a pilgrimage on their way from London to Canterbury, representatives of the internally divided social world of Chaucer's England. Some are serious, others funny, obscene, or offensive; some are religious, others not at all; some deal with issues local to England, others range across the Europe and the rest of the known world; many are told against other pilgrims. Written in a long-ago past, the poem jumps off the page, in turns unrecognisably weird and startlingly modern. We read the poem in the language in which it was written, Middle English, easy and fun to learn with early help: no previous experience with the language, or with the medieval era, is necessary. We will also explore the poem's long-ranging impact on English literature, including several contemporary reimaginings. Classes include a short lecture on a tale, and class discussion, which continues in weekly sections. Course projects include an essay, a collaborative report on one tale, and a creative option. Students of all years and from all concentrations and programs are welcome. If you are a graduate student interested in taking this class, please contact Prof. Wilson to indicate interest before term begins; there may be an additional graduate section if there is sufficient demand.

This course satisfies the "Pre-1700 Guided Elective" requirement for English concentrators and Secondary Field students.

FAS Divisional Distribution: None

ENGLISH 148

Modern Monsters in Literature and Film

MW 1030 AM - 1145 AM

Deidre Lynch

Why study monsters? Though modern peoples don't fear monsters and indeed don't even believe in them (or so we tell ourselves), monsters have nonetheless done an awfully good job of colonizing twenty-first-century popular culture. At present marauding vampires and the walking dead are everywhere (and then, too, there are the internet trolls). Our world seems to dedicate a lot of energy to exactly the fears we thought we were supposed either to have exorcised by becoming modern and disenchanted or to have exorcised simply by growing up and no longer needing to look under our beds before falling asleep at night. Why does the monstrous compel us? To help explain the fascination with the monster, this course looks backward, to nineteenth-century Gothic fiction and to the horror cinema that took up its mantle. The course's premise is that by taking seriously monsters' staying power we can learn a lot--about, for instance, the way the horror tradition has helped modernity make sense of itself. Monster stories are stories about the failures built into our systems of categorization and notions of normality. They make vivid the potential for violence in the notions of cultural purity and cultural inheritance that modernity uses to organize its accounts of identity and community. We'll begin in the year 1818 with Mary Shelley's *Frankenstein*. Our next move will be to the fictions that were written in the shadow of that famous ghost-story competition that on a dark and stormy night ushered into being both Shelley's monster and (via the poet Lord Byron and his traveling companion John Polidori) the first modern vampire. Pursuit of this project will have us reading novels, novellas, and short stories by Sheridan Le Fanu, Bram Stoker, Mary Elizabeth Braddon, Robert Louis Stevenson, Gaston Leroux, H.G. Wells, and others. We'll turn briefly near the end of the semester to the early horror films that gave the Gothic tradition's recurring preoccupations with the animation of the dead a new lease on life. Bringing the story of the class up to the present, we'll conclude the semester with some episodes of Ben Stiller's Apple TV show *Severance*.

This course satisfies the "1700-1900 Guided Elective" requirement for English concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

ENGLISH 152KD

Keats Isn't Dead: How We Live Romanticism

No meeting time listed

Vidyan Ravinthiran

Our thoughts and feelings about identity, self-expression, and the power of the imagination draw on the British Romantic poetry of the Long Eighteenth Century—whether we've read any or not. Focusing on John Keats (his key poems, and his key ideas, about "negative capability", the "camelion poet", and so on), this course makes unconventional connections into the twentieth, and twenty-first century. Tracking issues of race, class, gender and sexuality, we'll bounce from Keats into war verse; African-American poetries; world/postcolonial writing; the literature of social class; feminist experimentalism; and constructions of masculinity. Concentrators will learn how to analyze poetry in both closed and open forms.

This course satisfies the "1700-1900 Guided Elective" requirement for English concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

Course ID: 130892

2025 Fall (4 Credits)

Course ID: 214513

2026 Spring (4 Credits)

*No meeting time listed**Stephanie Burt*

One of the great creators in his, or any, era. W. B. Yeats (1865-1939) left us a matchless body of lyric and dramatic verse, including love poems, political meditations, ballads, prophetic warnings, palinodes, and rewritten myths. He also wrote and co-wrote transcribed folktales, novels, literary criticism, memoir, political speeches, records of mystical visions, and tens of thousands of letters; promoted Irish culture; ran a theatre company; won a Nobel prize; stood against empire and theocracy (but in favor of aristocracy); and changed his mind when he knew he was wrong. We will read all his major poems and other works, with attention to their composition, along with some rivals, friends and contemporaries in Ireland and beyond; we will also look at critical traditions around him.

This course satisfies the "1900-2000 Guided Elective" requirement for English concentrators and Secondary Field students.

*No meeting time listed**Tracy K. Smith*

African American poets have long embraced the private freedoms of the lyric poem—freedom to claim the authority of an uncontested first person "I"; freedom to wrangle language into new and startling forms; freedom to depart as needed from the strictures of linear reality. And yet, from its earliest iterations, African American poetry has also concerned itself with correcting and complicating the official narrative of Black life and Black subjectivity in America. This course will explore the means by which Black poets have innovated upon the lyric tradition to accommodate a sense of allegiance to a collective. In this tradition, the lyric poem has become a powerful tool with which to ponder the dynamics of self and other, intimate and political—and justice and injustice. Course readings will include work by seminal 20th Century American figures such as Langston Hughes, Gwendolyn Brooks, Robert Hayden and Lucille Clifton, as well as contemporary voices like Jericho Brown, Tyehimba Jess, Morgan Parker, Eve L. Ewing and others. We will also devote attention to lyric corollaries in film, music, visual art and performance. Students will be encouraged to respond to course themes and texts in both critical and creative form.

FAS Divisional Distribution: Arts and Humanities

W 0945 AM - 1145 AM

*Instructor Permission Required**Nicholas Watson*

Julian of Norwich (born 1343) and Margery Kempe of Lynn (born 1373) are the two earliest women writers in English whose names we know. They lived thirty years and thirty miles apart, met only once over a period of some days, and wrote long, completely different books, both inspired by what they understood as visionary encounters with the divine. Julian was a Christian intellectual, a brilliant writer, intensely visual but also abstract, who spent a lifetime writing and rewriting an intricate and optimistic analysis of how to live as an aspiring and suffering human being in the world that many people around the world still live by. Margery (she did not much like her husband's name) was a religious experimentalist, devout globe-trotter and performance artist, equally brilliant, whose energies seemed to have gone into living more than writing, but who in old age dictated then revised what many understand as the first English autobiography. After being mostly ignored for several hundred years, they are now being read with care, although by different readerships and in different ways. It is time they were brought together again. In this discussion-based course, we read Julian of Norwich's *Revelation of Love* and *The Book of Margery Kempe* alongside one another, as well as in the light of other women writers who drew inspiration from visions, revelations, or dreams, from the early Christian martyr Perpetua of Carthage in the third century CE to the reclusive New England poet Emily Dickinson in the nineteenth. We pay particular attention to Julian and Margery's direct precursors, Angela of Foligno, Gertrude the Great, and Marguerite Porete, among others. We consider how it was that revelations were able to make an innovative, demanding and prestigious mode of thought and writing possible for women who were excluded by their gender from the formal education available to male contemporaries. We think about what revelations are, how they function as an embodied, kinetic, and dialogic mode of consciousness, and the stylistic and intellectual experimentation this mode of consciousness enables. We speculate on potential connections between the visionary and other non-natural ways of seeing the world. Finally, we consider the excruciating difficulty of being and writing as a

visionary and the cultural and psychic pressures the role of visionary involved and involves. Although the main setting of the course is the world of Julian and Margery, we do not forget that we are reading them in the now.

Course Note: This course is a limited-enrollment seminar open to both undergraduate and graduate students, including PhD students in English (please contact me for enrolment details). Students in Harvard Masters' programs welcome.

This course satisfies the "Pre-1700 Guided Elective" requirement for English concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

ENGLISH 184CF

City Fictions

TR 0900 AM - 1015 AM

Tara Menon

Cities are made of contradictions: playgrounds for the rich and sites of concentrated poverty, highly organized and totally chaotic, an endless party and the loneliest places on earth. How do we write about them? In this course, we will visit four major metropolises around the world: London, Bombay, New York, and Seoul. We will focus primarily on one narrative work set in each of these cities—Charles Dickens's *Bleak House*, Suketu Mehta's *Maximum City*, Teju Cole's *Open City*, and Hwang Sok Young's *At Dusk*—and supplement our reading with short stories, journalism, sociology, movies, and television by writers and directors including: Zadie Smith, Micaela Coel, Edith Wharton, James Baldwin, Katherine Boo, Spike Lee and Bong Joon-Ho.

FAS Divisional Distribution: Arts and Humanities

ENGLISH 185E

The Essay: History and Practice

No meeting time listed

James Wood

Matthew Arnold famously said that poetry is, at bottom, "a criticism of life." But if any literary form is truly a criticism of life, it is the essay. And yet despite the fact that all students write essays, most students rarely study them; bookshops and libraries categorize such work only negatively, by what it is not: "non-fiction." At the same time, the essay is at present one of the most productive and fertile of literary forms. It is practiced as memoir, reportage, diary, criticism, and sometimes all four at once. Novels are becoming more essayistic, while essays are borrowing conventions and prestige from fiction. This class will disinter the essay from its comparative academic neglect, and examine the vibrant contemporary borderland between the reported and the invented. We will study the history of the essay, from Montaigne to the present day. Rather than study that history purely chronologically, each class will group several essays from different decades and centuries around common themes: death, detail, sentiment, race, gender, photography, the city, witness, and so on. In addition to writing about essays – writing critical essays about essays – students will also be encouraged to write their own creative essays: we will study the history of the form, and practice the form itself. Essayists likely to be studied: Plutarch, Montaigne, Hazlitt, De Quincey, Woolf, Benjamin, Orwell, Camus, Primo Levi, Barthes, Baldwin, Sontag, Dyer, Didion, Leslie Jamison, Knausgaard, Ta-Nehisi Coates.

This course satisfies the "1900-2000 Guided Elective" requirement for English concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

ENGLISH 189VG

Video Game Storytelling

TR 1200 PM - 0115 PM

Vidyan Ravinthiran

Although this course does discuss blockbuster games, it's primarily concerned with indie titles prioritizing discovery over system mastery—asking us to think differently. Drawing on video game scholars—Melissa Kagen, Brendan Keogh, Ian Bogost—we'll examine the gendered deconstruction of horror-codes in *Gone Home* (described by Brigid Kennedy as "an explicitly queer videogame with an explicitly queer narrative"); the interplay between the singular and the shareable in the trans micro-narrative, *Dys4ia*; and consider how *Return of the Obra Dinn* uses retrospective plotting to query a purely economic view of the world. We'll also discuss *Firewatch*, *The Stanley Parable*, *Stray* and *Stardew Valley* among other games, and consider how this art form, better than any other, probes the division identified by Theodor Adorno within capitalist society, separating "work" from

Course ID: 218143

2025 Fall (4 Credits)

leisure, or "play". At the Bok Center Learning Lab, you'll sample games on multiple platforms and discover tools for creating game stories (engines like Unity, input devices, and storyboards).

FAS Divisional Distribution: Arts and Humanities

ENGLISH 199AD

Course ID: 222131
2026 Spring (4 Credits)

Adaptation: The Art of Retelling

No meeting time listed

Anna Wilson

What makes a good adaptation? Why retell an old story? This class explores texts that are in conversation with others: adaptation, translation, fanfiction, parody, pastiche, and the remix. We will think about the role of form, genre, and media in adaptation, the decisions involved in transposing a story from novel to screen or stage, from oral storytelling to the printed page to digital archive, across times, contexts, languages, and audiences. Texts/movies discussed include fairytales, *The Great Gatsby*, *Ma Rainey's Black Bottom*, and *Arrival*. We will also consider the legal frameworks, technologies, cultural institutions, and audience expectations that constrain adaptation: what is the nature of authorship? How much can a person own a text, or a character? How far can an adaptation go before audiences no longer recognize, or reject, an adaptation? What economic and cultural roles do adaptations play in our contemporary media landscape? The final assignment will include the option to create your own adaptation using some of the critical models we have explored. This is a lecture and discussion class accessible to non-concentrators.

FAS Divisional Distribution: Arts and Humanities

ENGLISH 202B

Course ID: 226414
2026 Spring (4 Credits)

Beowulf and Seamus Heaney

No meeting time listed

Instructor Permission Required

Daniel Donoghue

This course balances translation, poetics, and literary criticism. The commercial success of Seamus Heaney's translation of *Beowulf* has given it a prominence in the general reading public the poem has rarely if ever enjoyed. At the same time its popularization at the hands of a self-described "interloper" has created a certain amount of anxiety among scholars of Old English. Our weekly discussions will include issues of translation while we compare our in-class efforts with Heaney's and with other versions that have been published over the years. We will also consider Heaney's translation on its own merits as a poem and in relation to the body of poetry he produced over his lifetime. All of this comparative work will take place against the backdrop of our week-by-week translation of *Beowulf*.

Space permitting, this course is open to qualified undergraduates. Undergraduates, please contact Prof. Donoghue before classes begin if you would like to take the course.

ENGLISH 226L

Course ID: 226366
2025 Fall (4 Credits)

Stages of Life, in Literature

W 0945 AM - 1145 AM

Instructor Permission Required

Stephen Greenblatt, Joseph Koerner

People change. They grow up and grow old, each differently but in ways divisible into stages. Different cultures and different eras understand and number these stages differently, but between birth and death bodies and minds develop and age. This interdisciplinary seminar, conducted together with a course in the History of Art and Architecture department taught by Professor Joseph Koerner, explores how art and literature, with their distinctive capabilities and limits, give visual and verbal shape to "life history" from infancy to "second childishness and mere oblivion, sans teeth, sans eyes, sans taste, sans everything" (Shakespeare). Focused on the European Renaissance with consideration of later (particularly Romantic) developments. Enrollment Limited.

FAS Divisional Distribution: Arts and Humanities

ENGLISH 231

Course ID: 130910
2025 Fall (4 Credits)

Divine Comedies: Graduate Seminar

Nicholas Watson

A study of a series of visionary works from the thirteenth and fourteenth centuries, including Guillaume de Lorris' s Romance of the Rose, Dante Alighieri's Divine Comedy, John of Morigny's Book of Flowers, Geoffrey Chaucer's House of Fame, William Langland's Piers Plowman, and Christine de Pisan's Book of the City of Ladies. We read these works through a late-medieval Aristotelian understanding of the imagination as a fundamental but fallible instrument of human perception, observing how they respond to traditions of writing about dreams, visions, and journeys to heaven or hell that go back to classical and Christian antiquity, in which human cognition and the shape of the cosmos are thought about very differently. We consider the inter-relationship between the poetic and the visionary in light of the categories of orthodoxy and discretion of spirits, at a period when both were fiercely contested. We also consider visionary writing and the contradictory claims it makes for the truth of intense imaginative experience as a precursor of the ubiquitous but puzzling modern concept of fiction, with special early reference to W. G. Sebald's 2001 novel Austerlitz. Texts not written in English will be read mainly in translation; no previous knowledge of Middle English, or of medieval visionary writing, is required.

Course Note: Space permitting, this course is open to qualified undergraduates. Undergraduates, please contact Prof. Watson before classes begin if you would like to take the course. Students in Harvard Masters' programs welcome.

FAS Divisional Distribution: Arts and Humanities

ENGLISH 232MP

Course ID: 211315

Metaphysical Poetry: The Seventeenth-Century Lyric and Beyond

2025 Fall (4 Credits)

M 0345 PM - 0545 PM

Instructor Permission Required

Gordon Teskey

In an age of scientific and political revolution, how do poets respond when common beliefs about God, humans, cosmic and social order, consciousness, and gender have been taken away? Modern poetry starts in the seventeenth century when poets, notably women poets, seek new grounds for poetic expression. Poets to be read include the familiar ones - Donne, Herbert, Marvell, Vaughan, and Traherne - plus Jonson, Lanier, Philips, and Cavendish, ending with Milton's "Lycidas." The art of criticism will be a central theme.

Space permitting, this course is open to qualified undergraduates. Undergraduates, please contact Prof. Teskey before classes begin if you would like to take the course.

FAS Divisional Distribution: Arts and Humanities

ENGLISH 264X

Course ID: 118586

Sensation and Moral Action in Thomas Hardy

2025 Fall (4 Credits)

R 0300 PM - 0545 PM

Instructor Permission Required

Elaine Scarry

Approaches Hardy's novels, stories, and narrative poems through the language of the senses (hearing, vision, touch) and through moral agency (philosophic essays on "luck" and "action").

Course Note: Open to upper-level undergraduates with permission of instructor.

FAS Divisional Distribution: Arts and Humanities

ENGLISH 273CL

Course ID: 226417

Uncommon Tongue: Lucille Clifton and her Literary Kin

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Tracy K. Smith

Across her body of work, great American poet Lucille Clifton celebrates, defends and bears witness to the complexities and the revelations of Black life. Committed to the trends and crises of her own time period, Clifton also draws consistently and inventively upon various strands of history and myth; the result is a body of work alive with ever-urgent relevance to the 21st Century's crises of white supremacy, political disenfranchisement and planetary disaster. In this seminar, we will explore the ways a large-scale and oftentimes cosmic vision of existence is housed within Clifton's range of concerns and her use of familiar vernaculars. Through readings of poetry and prose from across her career, and the work of her peers and literary forbears, we'll gauge Clifton's aesthetic and moral commitments, which combine to form a legible and compelling philosophy of life, death, affliction, indebtedness and forgiveness.

Space permitting, this course is open to qualified undergraduates. Undergraduates, please contact Prof. Smith before classes begin if you would like to take the course.

ENGLISH 281P

Course ID: 222176

Poetry and Poetics (Lyric and Its Discontents)

2025 Fall (4 Credits)

T 1245 PM - 0245 PM

Instructor Permission Required

Stephanie Burt

What is poetry? What is lyric? Who cares, and why? How have the answers to those questions changed since people began writing verse in English? We will focus-- though not exclusively!-- on modern and contemporary answers to those questions as we read, together, poets, critics and thinkers who have posed them, from Samuel Johnson to Langston Hughes to Allen Grossman, Timothy Yu or Anna Jackson, and major poems that propose or imply their own answers. Students are encouraged to bring to the seminar the poets and poems that they themselves want to study, not only canonical gems (Hughes, Moore, Tennyson) but major figures from outside the U.S. and U.K.

Space permitting, this course is open to qualified undergraduates. Undergraduates, please contact Prof. Burt before classes begin if you would like to take the course.

FAS Divisional Distribution: Arts and Humanities

ENGLISH 293B

Course ID: 222627

Book Theory

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Deidre Lynch

In this seminar we will work our way through theoretical work presenting the Western book as, variously, medium, interface, commodity, technology (including technology of empire), storage device, and "scriptive thing" --both classic theories (e.g., Jacques Derrida, Walter Benjamin, Ernst Curtius, Gérard Genette, Roger Chartier) and more recent ones (e.g., Mark McGurl, Jessica Pressman, Leah Price, Nicholas Thorburn, Kelly Wisecup, Robin Bernstein, Tia Blassingame). We'll also consider such topics as print, publics, memory, ephemera, waste, and the often-announced death of the book. And as aids to our collective theorizing, we'll derive resources from artists' books (e.g. those created by Stéphane Mallarmé, Angela Lorenz, and Tia Blassingame) and from fiction that calls attention to its own physical platform (e.g. Laurence Sterne's *Tristram Shandy*, Ling Ma's *Severance*, and Heike Geissler's *Seasonal Associate*).

FAS Divisional Distribution: Arts and Humanities

ENGLISH 299WC

Course ID: 226473

Wild Criticism

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Vidyan Ravinthiran

Beginning with Oscar Wilde, who suggested in 1891 that "the primary aim of the critic is to see the object as in itself it really is not," this course shows today's debates over "creative criticism" and "postcriticism" to have a long history. We'll consider, in particular, writers who quote other writers at length—close reading them—but in nonplussing, counterintuitive, even shocking ways. Monica Youn and William Empson, for instance, read John Milton against the grain; Pierre Bayard returns to Agatha Christie's *Who Killed Roger Ackroyd?* and suggests another solution to its murder mystery; Adam Phillips reimagines Melville's *Bartleby, the Scrivener* as a tale about an eating disorder. W.E.B. Du Bois, Jorge Luis Borges, Vladimir Nabokov and Anne Carson all write major works that are also experiments with the rhetorics of literary criticism. Which all raises the question: how should we write about books now? Students taking this course will author "wild criticism" of their own, moving across and into and through and between texts in adventurous ways.

Space permitting, this course is open to qualified undergraduates. Undergraduates, please contact Prof. Ravinthiran before classes begin if you would like to take the course.

ENGLISH 300HF

Course ID: 111425

Medieval Colloquium

2025 Fall (2 Credits)

No meeting time listed

Instructor Permission Required

Daniel Donoghue, Nicholas Watson, Anna Wilson

The colloquium focuses upon dissertations in progress and other research topics of mutual concern. Membership limited to faculty members teaching or conducting research in medieval English language and literature and to graduate students working in this field.

Course Note: Enrollment is open to all graduate students but is required of those who have been admitted to candidacy for the PhD and who intend to work on a medieval subject.

FAS Divisional Distribution: None

ENGLISH 300HFB

Course ID: 160632

Medieval Colloquium

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Daniel Donoghue, Nicholas Watson, Anna Wilson

The colloquium focuses upon dissertations in progress and other research topics of mutual concern. Membership limited to faculty members teaching or conducting research in medieval English language and literature and to graduate students working in this field.

Course Note: Enrollment is open to all graduate students but is required of those who have been admitted to candidacy for the PhD and who intend to work on a medieval subject.

Full Year Course: Divisible Course

FAS Divisional Distribution: None

ENGLISH 302HF

Course ID: 111971

Renaissance Colloquium

2025 Fall (2 Credits)

No meeting time listed

Instructor Permission Required

Stephen Greenblatt, Leah Whittington, Gordon Teskey

The colloquium focuses upon dissertations in progress and other research topics of mutual interest.

Course Note: Limited to faculty members teaching or conducting research in Renaissance literary studies and to graduate students working in the field. Enrollment is open to all such students, and is required of those who have been admitted to candidacy for the PhD and who intend to work on Renaissance topics.

FAS Divisional Distribution: None

ENGLISH 302HFB

Course ID: 160633

Renaissance Colloquium

2026 Spring (2 Credits)

No meeting time listed

Instructor Permission Required

Stephen Greenblatt, Leah Whittington, Gordon Teskey

The Conference focuses upon dissertations in progress and other research topics of mutual interest.

Course Note: Limited to faculty members teaching or conducting research in Renaissance literary studies and to graduate students working in the field. Enrollment is open to all such students, and is required of those who have been admitted to candidacy for the PhD and who intend to work on Renaissance topics.

Full Year Course: Divisible Course

FAS Divisional Distribution: None

ENGLISH 304HF

Course ID: 117785

Long Eighteenth Century and Romanticism Colloquium

2025 Fall (2 Credits)

No meeting time listed

Instructor Permission Required

Deidre Lynch

Focuses on dissertations, dissertations in progress, and research topics of mutual interest.

Course Note: Required of graduate students working, or intending to work, on the Restoration, 18th century, or Romanticism (the periods 1660-1830), and who have been admitted to candidacy for the PhD. Open to other students working on topics in Restoration and 18th-century literature.

FAS Divisional Distribution: None

ENGLISH 304HFB

Long Eighteenth Century and Romanticism Colloquium

No meeting time listed

Deidre Lynch

Course ID: 160634
2026 Spring (4 Credits)

Instructor Permission Required

Focuses on dissertations, dissertations in progress, and research topics of mutual interest.

Course Note: Required of graduate students working, or intending to work, on the Restoration, 18th century, or Romanticism (the periods 1660-1830), and who have been admitted to candidacy for the PhD. Open to other students working on topics in Restoration and 18th-century literature.

FAS Divisional Distribution: Arts and Humanities

ENGLISH 306HF

Long Nineteenth Century and Modernism Colloquium

No meeting time listed

Beth Blum, Elaine Scarry

Course ID: 148064
2025 Fall (2 Credits)

Instructor Permission Required

The British and Anglophone Literature Colloquium discusses writing from and about Britain and its former territories from the 19th century to the present. The colloquium provides a forum for graduate students and academics at every career stage to present and discuss new research in British, post-colonial, or transnational literature. Rooted in literary study, we welcome scholars of Victorian, Modernist, and Postmodern culture from across the disciplines.

FAS Divisional Distribution: None

ENGLISH 308HF

Theatre and Performance Colloquium

No meeting time listed

Ju Yon Kim, Derek Miller, Martin Puchner

Course ID: 160636
2025 Fall (2 Credits)

Instructor Permission Required

Focuses on research topics related to dramatic literature, theatre, and performance. Open to all faculty members and graduate students teaching or conducting research in the field.

FAS Divisional Distribution: None

ENGLISH 308HFB

Theatre and Performance Colloquium

No meeting time listed

Ju Yon Kim, Derek Miller, Martin Puchner

Course ID: 119988
2026 Spring (2 Credits)

Instructor Permission Required

Focuses on research topics related to dramatic literature, theatre, and performance. Open to all faculty members and graduate students teaching or conducting research in the field.

FAS Divisional Distribution: None

Full Year Course: Divisible Course

ENGLISH 310HFR

Twentieth Century and Contemporary Literature Colloquium

No meeting time listed

Kelly Rich, Sarah Dimick, Philip Fisher

Course ID: 117944
2025 Fall (2 Credits)

Instructor Permission Required

Colloquium open to all graduate students working in the area of American literature and culture. Papers delivered by students writing seminar papers or dissertations, faculty members, and visiting scholars.

FAS Divisional Distribution: None

ENGLISH 310HFRB

Twentieth Century and Contemporary Literature Colloquium

No meeting time listed

Kelly Rich, Sarah Dimick, Philip Fisher

Course ID: 160637
2026 Spring (2 Credits)

Instructor Permission Required

Colloquium open to all graduate students working in the area of American literature and culture. Papers delivered by students writing seminar papers or dissertations, faculty members, and visiting scholars.

FAS Divisional Distribution: None

ENGLISH 312HF

Race and Ethnicity Colloquium

No meeting time listed

Glenda Carpio, Jesse McCarthy

Course ID: 112792
2025 Fall (2 Credits)

Instructor Permission Required

The colloquium focuses upon dissertations in progress and other research topics of mutual interest.

FAS Divisional Distribution: None

ENGLISH 312HFB

Race and Ethnicity Colloquium

No meeting time listed

Glenda Carpio, Jesse McCarthy

Course ID: 208055
2026 Spring (2 Credits)

The colloquium focuses upon dissertations in progress and other research topics of mutual interest.

FAS Divisional Distribution: None

ENGLISH 320

G1 Proseminar

No meeting time listed

Nicholas Watson

Course ID: 217789
2026 Spring (4 Credits)

Instructor Permission Required

The first-year proseminar (taken in the spring semester of the first year) introduces students to the theories, methods, and history of English as a discipline, and contemporary debates in English studies. The readings feature classic texts in all fields, drawn from the General Exam list. This first-year proseminar helps students prepare for the General Exam (taken at the beginning of their second year); it gives them a broad knowledge for teaching and writing outside their specialty; and it builds an intellectual and cultural community among first-year students.

Course Note: This is only for first year graduate students in the English Department.

FAS Divisional Distribution: None

ENGLISH 330

G2 Proseminar

No meeting time listed

Ju Yon Kim

Course ID: 217790
2026 Spring (4 Credits)

Instructor Permission Required

This second-year proseminar has a two-part focus: it introduces students to the craft of scholarly publishing by helping them revise a research paper for publication in a peer-reviewed journal by the end of the course. It thus gives students the tools to begin publishing early in their career. It also introduces students to the growing array of alternative careers in the humanities by exposing them to the work of scholars who are leaders in fields such as editing, curating, and digital humanities.

Course Note: Open to English graduate students only.
Prerequisite: For G2+ students

FAS Divisional Distribution: None

ENGLISH 350

Teaching and Professional Development Colloquium

Course ID: 212819
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Ju Yon Kim

The craft of teaching (discussion, lectures, tutorials, course descriptions, syllabi). This colloquium, designed for, and required of, third-year graduate students, also considers issues related to the field exam, prospectus, and other aspects of advanced graduate study in English.

Course Note: Required of all third-year graduate students.

FAS Divisional Distribution: None

ENGLISH 370

Placement Seminar

Course ID: 207884
2025 Fall (4 Credits)

W 0400 PM - 0500 PM

Instructor Permission Required

Beth Blum, Louis Menand

The job placement seminar will meet during the Fall semester to help students prepare dossiers of their work for the academic job market and facilitate explorations of careers beyond the academy. The class will meet roughly every two weeks, providing a supportive structure for participants to produce, workshop, and revise application materials. We will also arrange mock interviews and practice teaching demonstrations. The placement officers provide one-on-one support with editing/proofing materials and guidance in navigating the applications process. This seminar is restricted to students in the English department. We welcome students who are intending to actively apply for postdocs or jobs this year to enroll; some seminar sessions suitable for those interested in thinking about the market or their career options but not actively applying this year will be advertised more widely and open to all graduate students in the department.

FAS Divisional Distribution: None

ENGLISH 397

Directed Study

Course ID: 118927
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Jesse McCarthy

ENGLISH 397 (002)

Directed Study

Course ID: 118927
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Homi Bhabha

ENGLISH 397 (002)

Directed Study

Course ID: 118927
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Homi Bhabha

ENGLISH 397 (003)

Directed Study

Course ID: 118927
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Stephanie Burt

ENGLISH 397 (003) Directed Study <i>No meeting time listed</i> <i>Stephanie Burt</i>	Course ID: 118927 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 397 (004) Directed Study <i>No meeting time listed</i> <i>Beth Blum</i>	Course ID: 118927 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 397 (004) Directed Study <i>No meeting time listed</i> <i>Glenda Carpio</i>	Course ID: 118927 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 397 (005) Directed Study <i>No meeting time listed</i> <i>Amanda Claybaugh</i>	Course ID: 118927 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 397 (005) Directed Study <i>No meeting time listed</i> <i>Amanda Claybaugh</i>	Course ID: 118927 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 397 (006) Directed Study <i>No meeting time listed</i> <i>Daniel Donoghue</i>	Course ID: 118927 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 397 (006) Directed Study <i>No meeting time listed</i> <i>Daniel Donoghue</i>	Course ID: 118927 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 397 (008) Directed Study <i>No meeting time listed</i> <i>Glenda Carpio</i>	Course ID: 118927 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 397 (008) Directed Study <i>No meeting time listed</i> <i>Philip Fisher</i>	Course ID: 118927 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 397 (009) Directed Study <i>No meeting time listed</i>	Course ID: 118927 2026 Spring (4 Credits) <i>Instructor Permission Required</i>

ENGLISH 397 (010)

Directed Study

No meeting time listed

Philip Fisher

Course ID: 118927

2025 Fall (4 Credits)

Instructor Permission Required

ENGLISH 397 (010)

Directed Study

No meeting time listed

Henry Gates

Course ID: 118927

2026 Spring (4 Credits)

Instructor Permission Required

ENGLISH 397 (011)

Directed Study

No meeting time listed

Jorie Graham

Course ID: 118927

2026 Spring (4 Credits)

Instructor Permission Required

ENGLISH 397 (012)

Directed Study

No meeting time listed

Stephen Greenblatt

Course ID: 118927

2025 Fall (4 Credits)

Instructor Permission Required

ENGLISH 397 (012)

Directed Study

No meeting time listed

Stephen Greenblatt

Course ID: 118927

2026 Spring (4 Credits)

Instructor Permission Required

ENGLISH 397 (013)

Directed Study

No meeting time listed

Ju Yon Kim

Course ID: 118927

2025 Fall (4 Credits)

Instructor Permission Required

ENGLISH 397 (013)

Directed Study

No meeting time listed

Ju Yon Kim

Course ID: 118927

2026 Spring (4 Credits)

Instructor Permission Required

ENGLISH 397 (014)

Directed Study

No meeting time listed

Deidre Lynch

Course ID: 118927

2026 Spring (4 Credits)

Instructor Permission Required

ENGLISH 397 (015)

Directed Study

No meeting time listed

Henry Gates

Course ID: 118927

2025 Fall (4 Credits)

Instructor Permission Required

ENGLISH 397 (015) Directed Study <i>No meeting time listed</i> <i>Louis Menand</i>	Course ID: 118927 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 397 (016) Directed Study <i>No meeting time listed</i> <i>Derek Miller</i>	Course ID: 118927 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 397 (016) Directed Study <i>No meeting time listed</i> <i>Derek Miller</i>	Course ID: 118927 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 397 (017) Directed Study <i>No meeting time listed</i> <i>Elisa New</i>	Course ID: 118927 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 397 (017) Directed Study <i>No meeting time listed</i> <i>Elisa New</i>	Course ID: 118927 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 397 (018) Directed Study <i>No meeting time listed</i> <i>Deidre Lynch</i>	Course ID: 118927 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 397 (018) Directed Study <i>No meeting time listed</i> <i>Beth Blum</i>	Course ID: 118927 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 397 (019) Directed Study <i>No meeting time listed</i> <i>Louis Menand</i>	Course ID: 118927 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 397 (019) Directed Study <i>No meeting time listed</i> <i>Sarah Dimick</i>	Course ID: 118927 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 397 (020) Directed Study <i>No meeting time listed</i> <i>Martin Puchner</i>	Course ID: 118927 2025 Fall (4 Credits) <i>Instructor Permission Required</i>

ENGLISH 397 (020) Directed Study <i>No meeting time listed</i> <i>Martin Puchner</i>	Course ID: 118927 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 397 (021) Directed Study <i>No meeting time listed</i> <i>Peter Sacks</i>	Course ID: 118927 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 397 (022) Directed Study <i>No meeting time listed</i> <i>Vidyan Ravinthiran</i>	Course ID: 118927 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 397 (022) Directed Study <i>No meeting time listed</i> <i>Elaine Scarry</i>	Course ID: 118927 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 397 (023) Directed Study <i>No meeting time listed</i> <i>Marc Shell</i>	Course ID: 118927 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 397 (024) Directed Study <i>No meeting time listed</i> <i>Christopher Pexa</i>	Course ID: 118927 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 397 (024) Directed Study <i>No meeting time listed</i> <i>James Simpson</i>	Course ID: 118927 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 397 (025) Directed Study <i>No meeting time listed</i> <i>John Stauffer</i>	Course ID: 118927 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 397 (025) Directed Study <i>No meeting time listed</i> <i>John Stauffer</i>	Course ID: 118927 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 397 (026) Directed Study	Course ID: 118927 2025 Fall (4 Credits)

No meeting time listed
Gordon Teskey

Instructor Permission Required

ENGLISH 397 (026)

Directed Study

No meeting time listed
Gordon Teskey

Course ID: 118927
2026 Spring (4 Credits)

Instructor Permission Required

ENGLISH 397 (027)

Directed Study

No meeting time listed
Elaine Scarry

Course ID: 118927
2025 Fall (4 Credits)

Instructor Permission Required

ENGLISH 397 (027)

Directed Study

No meeting time listed
Jesse McCarthy

Course ID: 118927
2026 Spring (4 Credits)

Instructor Permission Required

ENGLISH 397 (028)

Directed Study

No meeting time listed
Marc Shell

Course ID: 118927
2025 Fall (4 Credits)

Instructor Permission Required

ENGLISH 397 (028)

Directed Study

No meeting time listed
Vidyan Ravinthiran

Course ID: 118927
2026 Spring (4 Credits)

Instructor Permission Required

ENGLISH 397 (029)

Directed Study

No meeting time listed
Nicholas Watson

Course ID: 118927
2025 Fall (4 Credits)

Instructor Permission Required

ENGLISH 397 (029)

Directed Study

No meeting time listed
Nicholas Watson

Course ID: 118927
2026 Spring (4 Credits)

Instructor Permission Required

ENGLISH 397 (030)

Directed Study

No meeting time listed
Leah Whittington

Course ID: 118927
2025 Fall (4 Credits)

Instructor Permission Required

ENGLISH 397 (030)

Directed Study

No meeting time listed
Leah Whittington

Course ID: 118927
2026 Spring (4 Credits)

Instructor Permission Required

ENGLISH 397 (031)	Course ID: 118927
Directed Study	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>James Wood</i>	

ENGLISH 397 (031)	Course ID: 118927
Directed Study	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>James Wood</i>	

ENGLISH 397 (032)	Course ID: 118927
Directed Study	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Anna Wilson</i>	

ENGLISH 397 (032)	Course ID: 118927
Directed Study	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Kelly Rich</i>	

ENGLISH 397 (033)	Course ID: 118927
Directed Study	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Anna Wilson</i>	

ENGLISH 398	Course ID: 117540
Direction of Doctoral Dissertations	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Daniel Donoghue</i>	

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (002)	Course ID: 117540
Direction of Doctoral Dissertations	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Homi Bhabha</i>	

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (002)	Course ID: 117540
Direction of Doctoral Dissertations	2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Homi Bhabha

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (003)

Course ID: 117540

Direction of Doctoral Dissertations

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Stephanie Burt

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (003)

Course ID: 117540

Direction of Doctoral Dissertations

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Stephanie Burt

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (004)

Course ID: 117540

Direction of Doctoral Dissertations

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Glenda Carpio

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (004)

Course ID: 117540

Direction of Doctoral Dissertations

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Glenda Carpio

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

ENGLISH 398 (005)

Direction of Doctoral Dissertations

No meeting time listed

Amanda Claybaugh

Course ID: 117540

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (005)

Direction of Doctoral Dissertations

No meeting time listed

Amanda Claybaugh

Course ID: 117540

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (006)

Direction of Doctoral Dissertations

No meeting time listed

Daniel Donoghue

Course ID: 117540

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (006)

Direction of Doctoral Dissertations

No meeting time listed

Daniel Donoghue

Course ID: 117540

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (008)

Direction of Doctoral Dissertations

No meeting time listed

Philip Fisher

Course ID: 117540

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (008)

Direction of Doctoral Dissertations

No meeting time listed

Philip Fisher

Course ID: 117540
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (009)

Direction of Doctoral Dissertations

No meeting time listed

Marjorie Garber

Course ID: 117540
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (010)

Direction of Doctoral Dissertations

No meeting time listed

Henry Gates

Course ID: 117540
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (010)

Direction of Doctoral Dissertations

No meeting time listed

Henry Gates

Course ID: 117540
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (011)

Direction of Doctoral Dissertations

No meeting time listed

Jorie Graham

Course ID: 117540
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (012)

Direction of Doctoral Dissertations

No meeting time listed

Stephen Greenblatt

Course ID: 117540
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (012)

Direction of Doctoral Dissertations

No meeting time listed

Stephen Greenblatt

Course ID: 117540
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (013)

Direction of Doctoral Dissertations

No meeting time listed

Ju Yon Kim

Course ID: 117540
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (013)

Direction of Doctoral Dissertations

No meeting time listed

Ju Yon Kim

Course ID: 117540
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (014)

Direction of Doctoral Dissertations

No meeting time listed

Deidre Lynch

Course ID: 117540
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (014)

Direction of Doctoral Dissertations

No meeting time listed

Deidre Lynch

Course ID: 117540
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (015)

Direction of Doctoral Dissertations

No meeting time listed

Louis Menand

Course ID: 117540
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (015)

Direction of Doctoral Dissertations

No meeting time listed

Louis Menand

Course ID: 117540
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (016)

Direction of Doctoral Dissertations

Course ID: 117540
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Derek Miller

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (016)

Course ID: 117540

Direction of Doctoral Dissertations

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Derek Miller

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (017)

Course ID: 117540

Direction of Doctoral Dissertations

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Elisa New

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (017)

Course ID: 117540

Direction of Doctoral Dissertations

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Elisa New

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (018)

Course ID: 117540

Direction of Doctoral Dissertations

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Beth Blum

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

ENGLISH 398 (018)

Direction of Doctoral Dissertations

No meeting time listed

Sarah Dimick

Course ID: 117540
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (019)

Direction of Doctoral Dissertations

No meeting time listed

Jesse McCarthy

Course ID: 117540
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (020)

Direction of Doctoral Dissertations

No meeting time listed

Martin Puchner

Course ID: 117540
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (020)

Direction of Doctoral Dissertations

No meeting time listed

Martin Puchner

Course ID: 117540
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (021)

Direction of Doctoral Dissertations

No meeting time listed

Peter Sacks

Course ID: 117540
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (022)

Direction of Doctoral Dissertations

No meeting time listed

Elaine Scarry

Course ID: 117540
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (022)

Direction of Doctoral Dissertations

No meeting time listed

Elaine Scarry

Course ID: 117540
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (023)

Direction of Doctoral Dissertations

No meeting time listed

Marc Shell

Course ID: 117540
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (023)

Direction of Doctoral Dissertations

No meeting time listed

Marc Shell

Course ID: 117540
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (024)

Direction of Doctoral Dissertations

No meeting time listed

James Simpson

Course ID: 117540
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (025)

Direction of Doctoral Dissertations

No meeting time listed

John Stauffer

Course ID: 117540
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (025)

Direction of Doctoral Dissertations

No meeting time listed

John Stauffer

Course ID: 117540
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (026)

Direction of Doctoral Dissertations

No meeting time listed

Gordon Teskey

Course ID: 117540
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (026)

Direction of Doctoral Dissertations

No meeting time listed

Gordon Teskey

Course ID: 117540
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (027)

Direction of Doctoral Dissertations

No meeting time listed

Jesse McCarthy

Course ID: 117540
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (027)

Direction of Doctoral Dissertations

No meeting time listed

Vidyan Ravinthiran

Course ID: 117540
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (028)

Direction of Doctoral Dissertations

No meeting time listed

Vidyan Ravinthiran

Course ID: 117540
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (028)

Direction of Doctoral Dissertations

No meeting time listed

Kelly Rich

Course ID: 117540
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (029)

Direction of Doctoral Dissertations

Course ID: 117540
2025 Fall (4 Credits)

No meeting time listed
Nicholas Watson

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (029)

Direction of Doctoral Dissertations

No meeting time listed
Nicholas Watson

Course ID: 117540
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (030)

Direction of Doctoral Dissertations

No meeting time listed
Leah Whittington

Course ID: 117540
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (030)

Direction of Doctoral Dissertations

No meeting time listed
Leah Whittington

Course ID: 117540
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (031)

Direction of Doctoral Dissertations

No meeting time listed
James Wood

Course ID: 117540
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (031)

Direction of Doctoral Dissertations

No meeting time listed

James Wood

Course ID: 117540
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (032)

Direction of Doctoral Dissertations

No meeting time listed

Christopher Pexa

Course ID: 117540
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (032)

Direction of Doctoral Dissertations

No meeting time listed

Anna Wilson

Course ID: 117540
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (033)

Direction of Doctoral Dissertations

No meeting time listed

Anna Wilson

Course ID: 117540
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (033)

Direction of Doctoral Dissertations

No meeting time listed

Beth Blum

Course ID: 117540
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (034)

Direction of Doctoral Dissertations

No meeting time listed

Namwali Serpell

Course ID: 117540

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (034)

Direction of Doctoral Dissertations

No meeting time listed

Namwali Serpell

Course ID: 117540

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (035)

Direction of Doctoral Dissertations

No meeting time listed

Tracy K. Smith

Course ID: 117540

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (035)

Direction of Doctoral Dissertations

No meeting time listed

Tracy K. Smith

Course ID: 117540

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.

FAS Divisional Distribution: None

ENGLISH 398 (036)	Course ID: 117540
Direction of Doctoral Dissertations	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Tara Menon</i>	
<p><i>Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.</i></p>	
FAS Divisional Distribution: None	
ENGLISH 398 (036)	Course ID: 117540
Direction of Doctoral Dissertations	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Tara Menon</i>	
<p><i>Course Note: Normally limited to students reading specifically in the field of a proposed doctoral dissertation. Open only by petition to the Department; petitions should be presented during the term preceding enrollment, and must be signed by the instructor with whom the reading is to be done. All applicants for admission should first confer with the Director of Graduate Studies.</i></p>	
FAS Divisional Distribution: None	
ENGLISH 399	Course ID: 111027
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Daniel Donoghue</i>	
ENGLISH 399 (002)	Course ID: 111027
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Homi Bhabha</i>	
ENGLISH 399 (002)	Course ID: 111027
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Homi Bhabha</i>	
ENGLISH 399 (003)	Course ID: 111027
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Stephanie Burt</i>	
ENGLISH 399 (003)	Course ID: 111027
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Stephanie Burt</i>	
ENGLISH 399 (004)	Course ID: 111027
Reading and Research	2025 Fall (4 Credits)

No meeting time listed
Glenda Carpio

Instructor Permission Required

ENGLISH 399 (004)
Reading and Research
No meeting time listed
Glenda Carpio

Course ID: 111027
2026 Spring (4 Credits)
Instructor Permission Required

ENGLISH 399 (005)
Reading and Research
No meeting time listed
Amanda Claybaugh

Course ID: 111027
2025 Fall (4 Credits)
Instructor Permission Required

ENGLISH 399 (005)
Reading and Research
No meeting time listed
Amanda Claybaugh

Course ID: 111027
2026 Spring (4 Credits)
Instructor Permission Required

ENGLISH 399 (006)
Reading and Research
No meeting time listed
Daniel Donoghue

Course ID: 111027
2025 Fall (4 Credits)
Instructor Permission Required

ENGLISH 399 (006)
Reading and Research
No meeting time listed
Daniel Donoghue

Course ID: 111027
2026 Spring (4 Credits)
Instructor Permission Required

ENGLISH 399 (008)
Reading and Research
No meeting time listed
Philip Fisher

Course ID: 111027
2025 Fall (4 Credits)
Instructor Permission Required

ENGLISH 399 (008)
Reading and Research
No meeting time listed
Philip Fisher

Course ID: 111027
2026 Spring (4 Credits)
Instructor Permission Required

ENGLISH 399 (010)
Reading and Research
No meeting time listed
Henry Gates

Course ID: 111027
2025 Fall (4 Credits)
Instructor Permission Required

ENGLISH 399 (010)
Reading and Research
No meeting time listed
Henry Gates

Course ID: 111027
2026 Spring (4 Credits)
Instructor Permission Required

ENGLISH 399 (011)
Reading and Research
No meeting time listed
Jorie Graham

Course ID: 111027
2026 Spring (4 Credits)
Instructor Permission Required

ENGLISH 399 (012)
Reading and Research
No meeting time listed
Stephen Greenblatt

Course ID: 111027
2025 Fall (4 Credits)
Instructor Permission Required

ENGLISH 399 (012)
Reading and Research
No meeting time listed
Stephen Greenblatt

Course ID: 111027
2026 Spring (4 Credits)
Instructor Permission Required

ENGLISH 399 (013)
Reading and Research
No meeting time listed
Ju Yon Kim

Course ID: 111027
2025 Fall (4 Credits)
Instructor Permission Required

ENGLISH 399 (013)
Reading and Research
No meeting time listed
Ju Yon Kim

Course ID: 111027
2026 Spring (4 Credits)
Instructor Permission Required

ENGLISH 399 (014)
Reading and Research
No meeting time listed
Deidre Lynch

Course ID: 111027
2025 Fall (4 Credits)
Instructor Permission Required

ENGLISH 399 (014)
Reading and Research
No meeting time listed
Deidre Lynch

Course ID: 111027
2026 Spring (4 Credits)
Instructor Permission Required

ENGLISH 399 (015)
Reading and Research
No meeting time listed
Louis Menand

Course ID: 111027
2025 Fall (4 Credits)
Instructor Permission Required

ENGLISH 399 (015)
Reading and Research
No meeting time listed
Louis Menand

Course ID: 111027
2026 Spring (4 Credits)
Instructor Permission Required

ENGLISH 399 (016)
Reading and Research
No meeting time listed
Derek Miller

Course ID: 111027
2025 Fall (4 Credits)
Instructor Permission Required

ENGLISH 399 (016) Reading and Research <i>No meeting time listed</i> <i>Derek Miller</i>	Course ID: 111027 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 399 (017) Reading and Research <i>No meeting time listed</i> <i>Elisa New</i>	Course ID: 111027 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 399 (017) Reading and Research <i>No meeting time listed</i> <i>Elisa New</i>	Course ID: 111027 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 399 (018) Reading and Research <i>No meeting time listed</i> <i>Beth Blum</i>	Course ID: 111027 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 399 (018) Reading and Research <i>No meeting time listed</i> <i>Beth Blum</i>	Course ID: 111027 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 399 (019) Reading and Research <i>No meeting time listed</i> <i>Sarah Dimick</i>	Course ID: 111027 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 399 (020) Reading and Research <i>No meeting time listed</i> <i>Martin Puchner</i>	Course ID: 111027 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 399 (020) Reading and Research <i>No meeting time listed</i> <i>Martin Puchner</i>	Course ID: 111027 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 399 (021) Reading and Research <i>No meeting time listed</i> <i>Peter Sacks</i>	Course ID: 111027 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 399 (022) Reading and Research	Course ID: 111027 2025 Fall (4 Credits)

No meeting time listed
Elaine Scarry

Instructor Permission Required

ENGLISH 399 (022)
Reading and Research
No meeting time listed
Elaine Scarry

Course ID: 111027
2026 Spring (4 Credits)
Instructor Permission Required

ENGLISH 399 (023)
Reading and Research
No meeting time listed
Marc Shell

Course ID: 111027
2025 Fall (4 Credits)
Instructor Permission Required

ENGLISH 399 (023)
Reading and Research
No meeting time listed
Marc Shell

Course ID: 111027
2026 Spring (4 Credits)
Instructor Permission Required

ENGLISH 399 (024)
Reading and Research
No meeting time listed
James Simpson

Course ID: 111027
2026 Spring (4 Credits)
Instructor Permission Required

ENGLISH 399 (025)
Reading and Research
No meeting time listed
John Stauffer

Course ID: 111027
2025 Fall (4 Credits)
Instructor Permission Required

ENGLISH 399 (025)
Reading and Research
No meeting time listed
John Stauffer

Course ID: 111027
2026 Spring (4 Credits)
Instructor Permission Required

ENGLISH 399 (026)
Reading and Research
No meeting time listed
Gordon Teskey

Course ID: 111027
2025 Fall (4 Credits)
Instructor Permission Required

ENGLISH 399 (026)
Reading and Research
No meeting time listed
Gordon Teskey

Course ID: 111027
2026 Spring (4 Credits)
Instructor Permission Required

ENGLISH 399 (027)
Reading and Research
No meeting time listed
Vidyan Ravinthiran

Course ID: 111027
2025 Fall (4 Credits)
Instructor Permission Required

ENGLISH 399 (027)
Reading and Research
No meeting time listed
Jesse McCarthy

Course ID: 111027
2026 Spring (4 Credits)
Instructor Permission Required

ENGLISH 399 (028)
Reading and Research
No meeting time listed
Vidyan Ravinthiran

Course ID: 111027
2026 Spring (4 Credits)
Instructor Permission Required

ENGLISH 399 (029)
Reading and Research
No meeting time listed
Anna Wilson

Course ID: 111027
2025 Fall (4 Credits)
Instructor Permission Required

ENGLISH 399 (029)
Reading and Research
No meeting time listed
Nicholas Watson

Course ID: 111027
2026 Spring (4 Credits)
Instructor Permission Required

ENGLISH 399 (030)
Reading and Research
No meeting time listed
Leah Whittington

Course ID: 111027
2025 Fall (4 Credits)
Instructor Permission Required

ENGLISH 399 (030)
Reading and Research
No meeting time listed
Leah Whittington

Course ID: 111027
2026 Spring (4 Credits)
Instructor Permission Required

ENGLISH 399 (031)
Reading and Research
No meeting time listed
James Wood

Course ID: 111027
2025 Fall (4 Credits)
Instructor Permission Required

ENGLISH 399 (031)
Reading and Research
No meeting time listed
James Wood

Course ID: 111027
2026 Spring (4 Credits)
Instructor Permission Required

ENGLISH 399 (032)
Reading and Research
No meeting time listed
Claire Messud

Course ID: 111027
2026 Spring (4 Credits)
Instructor Permission Required

ENGLISH 399 (033)
Reading and Research
No meeting time listed
Kelly Rich

Course ID: 111027
2026 Spring (4 Credits)
Instructor Permission Required

ENGLISH 399 (034) Reading and Research <i>No meeting time listed</i> <i>Anna Wilson</i>	Course ID: 111027 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 399 (035) Reading and Research <i>No meeting time listed</i> <i>Jesse McCarthy</i>	Course ID: 111027 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 399 (035) Reading and Research <i>No meeting time listed</i> <i>Namwali Serpell</i>	Course ID: 111027 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 399 (036) Reading and Research <i>No meeting time listed</i> <i>Tracy K. Smith</i>	Course ID: 111027 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 399 (037) Reading and Research <i>No meeting time listed</i> <i>Tara Menon</i>	Course ID: 111027 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 399 (29) Reading and Research <i>No meeting time listed</i> <i>Nicholas Watson</i>	Course ID: 111027 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 399 (30) Reading and Research <i>No meeting time listed</i> <i>Claire Messud</i>	Course ID: 111027 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 399 (31) Reading and Research <i>No meeting time listed</i> <i>Namwali Serpell</i>	Course ID: 111027 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 399 (32) Reading and Research <i>No meeting time listed</i> <i>Tracy K. Smith</i>	Course ID: 111027 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
ENGLISH 399 (33) Reading and Research	Course ID: 111027 2025 Fall (4 Credits)

No meeting time listed
Tara Menon

Instructor Permission Required

ENGLISH 399 (34)
Reading and Research
No meeting time listed
Carlisle Yingst

Course ID: 111027
2025 Fall (4 Credits)

Instructor Permission Required

ENGLISH 399 (35)
Reading and Research
No meeting time listed
Christopher Pexa

Course ID: 111027
2025 Fall (4 Credits)

Instructor Permission Required

Environmental Science and Public Policy

Environmental Sci & Public Pol

ESPP 77
Technology, Environment, and Society
MW 1030 AM - 1145 AM
Sheila Jasanoff

Course ID: 109882
2025 Fall (4 Credits)

Our interactions with the natural world are increasingly mediated through changes in technology. Technologies create risks, generate solutions, reshape the environment, and alter our perception of the boundaries between nature and artifice. This course draws on major theories of technology and society to inform and deepen our understanding of environmental crises, problems, possible fixes, and policy options.

This class requires students to enroll in an untimed, placeholder section/lab during registration and to submit time preferences. Sections will be assigned by April 26.

FAS Divisional Distribution: Social Sciences

ESPP 90B
The EV Revolution: Outlook, Environmental Impact, Policy, and Challenges
M 0300 PM - 0530 PM
Elaine Buckberg

Course ID: 223090
2026 Spring (4 Credits)

Instructor Permission Required

Auto is undergoing a technological revolution with the shift to electric vehicles (EVs) and the development of autonomous vehicles. Decarbonizing private transportation is essential to achieving climate goals, with transportation overall representing 28% of U.S. greenhouse gas emissions. EV sales are now growing rapidly: in 2022, battery electric vehicles (EVs) represented about 22% of new vehicle sales in China, 15% in the EU and 5% in the U.S. Forecasts suggest EVs will represent close to 50% of new vehicle sales in the U.S. by 2030 and higher in China and Europe. The EV transition has far-reaching repercussions from emissions to macroeconomic impacts to national security and poses substantial challenges in the rapid development of new supply chains. In this seminar, we will study the intersection of EVs, the energy transition, environmental science, policy, and economics. The current pace of change is dramatic but has roots going back 50 years to early U.S. environmental regulation and efforts to reduce dependency on Middle East oil; auto has been a critical element in trade policy back to the 1994 North American Free Trade Agreement (NAFTA). Policy is pivotal today, in the U.S. and overseas, in terms of determining the pace of EV adoption, how supply chains develop, and how fast they evolve. The Inflation Reduction Act of 2022 (IRA) enables faster EV adoption through tax credits for EV production and purchases. Technological progress, especially in battery technology, will be critical in the path forward. We will analyze a range of EV issues including those highlighted above as well as charging, health impacts, equity, and international market differences.

FAS Divisional Distribution: Social Sciences

ESPP 90G
The Law and Policy of Climate Change: Influencing Decision Makers

Course ID: 208113
2025 Fall (4 Credits)

Aladdine Joroff

Empirical data demonstrate that the climate is changing and that these changes could produce increasingly serious consequences over the course of this century. Governments and private actors around the world are strategizing, debating, lobbying, implementing, and defending mechanisms to both mitigate and adapt to the impacts of climate change. This course will explore (i) the legal framework in which climate change action occurs in the United States, (ii) policy tools available to regulators, (iii) impacts on regulated entities and individuals and (iv) opportunities for private stakeholders to participate in and influence climate change decisions.

FAS Divisional Distribution: Social Sciences

ESPP 90H

Course ID: 220476

Climate, Crops, and Food Security

2025 Fall (4 Credits)

R 0900 AM - 1130 AM

Instructor Permission Required

Peter Huybers

The number of people suffering from hunger began to increase in 2015, after decades of steady decline, and began to rise more sharply since the beginning of the COVID pandemic. The drivers of these trends in food security and malnutrition that are highlighted by international aid agencies are conflict, economic shocks, and climate extremes. In this course we will inquire, specifically, into linkages among climate change, extreme weather events, agricultural production, and food insecurity, and also consider the broader context of how conflict, socioeconomic, and health conditions may be susceptible to extreme weather and influence the ability to mitigate and adapt to changes in extreme weather. The answer to this inquiry is important: inasmuch as climate change is a fundamental driver of recent decreases in food security, the almost inevitable continued changes in climate in the coming decades are of major concern for food security going forward. Moreover, identification of the specific pathways by which climate change influences food security is critical for devising appropriate mitigation and adaptation measures. We will cover how variations in temperature, water, and sunlight influence crop yield; how exposure to these environmental variations alters under climate change; connections between food production shocks and food insecurity; and the degree to which changes in food security can be predicted. Individual classes will be organized around academic papers encompassing distinct viewpoints, and through reading, discussion, and hearing from outside speakers. We will, as a class, seek some overall understanding of the drivers of food insecurity and how these can, at least in principle, be addressed.

FAS Divisional Distribution: Social Sciences

ESPP 90P

Course ID: 220481

Climate Responsibility and Climate Action

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Peter Frumhoff

Who bears responsibility for climate change? Confronting this question is central to establishing equitable policies to reduce greenhouse gas emissions and limit the adverse impacts of now unavoidable climate disruption. International climate policy frameworks focus on the "common but differentiated responsibilities" of nations. But climate responsibilities also extend to non-state actors, including individuals, utilities and fossil-fuel companies at the base of the carbon supply chain whose responsibilities are increasingly the focus of attention by civil society, policymakers and the courts. This course examines the nature of climate responsibility from ethical, historical, scientific and policy perspectives and the efficacy of approaches to accelerate responsible climate action by both state and non-state actors.

FAS Divisional Distribution: Social Sciences

ESPP 90S (SEM)

Course ID: 127572

The Technology, Economics, and Public Policy of Renewable Energy

2026 Spring (4 Credits)

T 0300 PM - 0545 PM

Instructor Permission Required

George Baker

Energy is the lifeblood of economic activity, indeed of human society. However, the planet's stores of easily accessed fossil fuels are limited, and the climatological cost of continuing to rely on fossil fuels is high. This course examines the long run and short run prospects for renewable energy. We start by understanding the technology of various renewables, including hydro, solar, wind, biomass, etc. We then examine the economics of

these technologies, and how policies (subsidies, taxes, regulations) affect their viability. Special attention will be paid to the twin challenges of electrification and decarbonization, and the implications of meeting these challenges for the operation and modernization of the electric grid.

Economics 10a.

FAS Divisional Distribution: Social Sciences

ESPP 90T

Designing and Implementing International Environment, Climate, and Sustainability Solutions

Course ID: 226350

2025 Fall (4 Credits)

T 0945 AM - 1145 AM

Instructor Permission Required

Dustin Tingley

This course will analyze the design, implementation, and enforcement of global environment, climate, and sustainability policies. We will examine both historical cases as well as newly proposed policies. Throughout our focus will be on international policies involving multiple countries. However, insofar as countries enact domestic policies with significant international implications, we will also examine those. Students are expected to be active participants in our discussions given the seminar format.

FAS Divisional Distribution: Social Sciences

ESPP 91R

Supervised Reading and Research

Course ID: 110943

2025 Fall (4 Credits)

F 1030 AM - 1145 AM

Instructor Permission Required

Noel Holbrook

Supervised reading and research on topics not covered by regular courses of instruction. Prior to enrollment, students must submit a registration form to the ESPP Undergraduate Office.

Course Note: Intended primarily for Senior concentrators in Environmental Science and Public Policy conducting their capstone research. May also be taken by Juniors conducting independent research with approval from the Head Tutor.

FAS Divisional Distribution: None

ESPP 91R

Supervised Reading and Research

Course ID: 110943

2026 Spring (4 Credits)

W 1030 AM - 1145 AM

Instructor Permission Required

Noel Holbrook

Supervised reading and research on topics not covered by regular courses of instruction. Prior to enrollment, students must submit a registration form to the ESPP Undergraduate Office.

Course Note: Intended primarily for Senior concentrators in Environmental Science and Public Policy conducting their capstone research. May also be taken by Juniors conducting independent research with approval from the Head Tutor.

FAS Divisional Distribution: None

ESPP 91R (002)

Supervised Reading and Research

Course ID: 110943

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Noel Holbrook

Supervised reading and research on topics not covered by regular courses of instruction. Prior to enrollment, students must submit a registration form to the ESPP Undergraduate Office.

Course Note: Intended primarily for Senior concentrators in Environmental Science and Public Policy conducting their capstone research. May also be taken by Juniors conducting independent research with approval from the Head Tutor.

FAS Divisional Distribution: None

ESPP 99

Tutorial - Senior Year

F 1030 AM - 1145 AM

Noel Holbrook

Research and writing of the senior thesis under faculty direction.

Course ID: 116570
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Social Sciences

Full Year Course: Divisible Course

ESPP 99

Tutorial - Senior Year

F 1030 AM - 1145 AM

Noel Holbrook

Research and writing of the senior thesis under faculty direction.

Course ID: 116570
2026 Spring (4 Credits)

Instructor Permission Required

Full Year Course: Divisible Course

FAS Divisional Distribution: Social Sciences

ESPP 99 (003)

Tutorial - Senior Year

No meeting time listed

Noel Holbrook

Research and writing of the senior thesis under faculty direction.

Course ID: 116570
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Social Sciences

Full Year Course: Divisible Course

ESPP 160

US Environmental Policy and Policymaking: The Role of Congress, EPA, Stakeholders, and Courts

R 1200 PM - 0245 PM

Carrie Jenks

An introduction to environmental policy in the US with a focus on the Environmental Protection Agency. We will explore how policy is made at the federal and state levels and consider the actors who design policies, including legislators, agencies, advocates, regulated companies, and the courts. Through specific case studies, we will evaluate the policy options for environmental regulations and consider ways to measure whether a policy is successful. We will focus on a variety of environmental regulations including air quality, climate change, and clean water policies. We will also hear from policymakers and stakeholders to understand the challenges and opportunities for progress.

Course ID: 224030
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Social Sciences

ESPP 171

Solid Waste In Developing Countries

MW 0300 PM - 0415 PM

Ken Thomas

This course will examine major issues of solid waste (i.e. production, management, storage, treatment, disposal,

Course ID: 220761
2025 Fall (4 Credits)

infrastructure costs and financing, policy) in the developing world at various geographic locations and scales across municipal, industrial, electronic, biological/medical, and radioactive waste. Specific solid waste issues will be highlighted through in-depth case studies from Africa, Asia, Central and South America, Middle East, and Small Island Developing States. Analysis of the environmental commitment and regulations, appropriate technology availability and reliability, and key geopolitical factors that affect the amount of solid waste to be handled and how it is disposed of will be explored in all cases. To understand fundamentals in the developing world context, the course will compare how solid waste is managed in the developed and developing world at the local, state, and federal levels. Fundamentals cut across solid waste-related policies, transport, sources, collection, disposal/treatment, recycling, and material recovery. The course will emphasize – both quantitatively and qualitatively – the real-world challenges and systemic issues of the developing world that make solid waste planning and management complicated.

FAS Divisional Distribution: Science & Engineering & Applied Science

ESPP 173

Water Resources in Developing Countries

MW 1200 PM - 0115 PM

Ken Thomas

This course will examine major issues of water resources (i.e. water sources, supply, quality, treatment, use, distribution and storage, policy) in the developing world at various geographic locations and scales. Specific water resources issues will be highlighted through in-depth case studies from Africa, Asia, and Small Island Developing States. Analysis of the hydrological, technological, legal, and geopolitical factors that affect the availability of water for human consumption and agriculture will be explored in all cases. To understand fundamentals in the developing world context, the course will compare how water resources are managed in the developed and developing world. Fundamentals cut across water-related policies, water flows, water sources, water supply, water and wastewater treatment, water distribution, and water storage. The course will emphasize – both quantitatively and qualitatively – the real-world challenges and systemic issues of the developing world that make water resources planning and management complicated.

FAS Divisional Distribution: Science & Engineering & Applied Science

ESPP 180

Climate Change, Health, and Environmental Justice-Focusing on Solutions

No meeting time listed

Kari Nadeau

Course ID: 224042
2026 Spring (4 Credits)

Instructor Permission Required

Human health and the health of our planet are inextricably linked and they can be mutually beneficial. However, our planet's health and our health are at risk. Climate change represents one of the most pressing issues of our time, affecting every nation and person. In this class, we will focus on the ways in which climate change impacts human health and discuss approaches to quantify and mitigate these impacts at the local, state, national, and global levels. You will have the opportunity to monitor, measure, and analyze climate change associated data relevant to human health such as air pollution and temperature with devices we provide. You will also meet policy makers, community leaders, and community members who are addressing climate change impacts on human health. The overarching goal of the course is to critically discuss the health outcomes of energy production and climate change impacts on food, water, air, soil, food systems, and e-waste through the lens of social justice and health equity.

FAS Divisional Distribution: Social Sciences

Environmental Science and Engineering

Environ Science & Engineering

ESE 6

Introduction to Environmental Science and Engineering

MW 1030 AM - 1145 AM

Steven Wofsy, Bryan Yoon

Course ID: 116362
2025 Fall (4 Credits)

This course will provide students with an introduction to environmental science and engineering by providing an

overview of current environmental issues, including climate change, air pollution, and water pollution. Students critically evaluate underlying science and knowledge limitations, and explore the nexus between scientific knowledge, regulatory frameworks, and engineering solutions to some of the world's most pressing environmental problems. The course will emphasize the interconnected biological, geological, and chemical cycles of the earth system including the multi-dimensional impacts of human activity.

Course Note: ESE 6 is also offered as EPS 6. Students may not take both for credit. This course requires students to choose a lab time during registration.

The course presumes basic knowledge in chemistry and physics at the high school level. Students will acquire additional skills and knowledge in these areas, as applied to environmental problems, as well as learning basic data analysis and coding skills.

Requires: Prerequisite/Co-requisite: Math 1B (or concurrent), or permission of the instructor

FAS Divisional Distribution: Science & Engineering & Applied Science

ESE 50

The Fluid Earth: Oceans, Atmosphere, Climate, and Environment

Course ID: 218887
2026 Spring (4 Credits)

MW 0900 AM - 1015 AM

Marianna Linz

This course introduces students to the fluid Earth, emphasizing Earth's weather and climate, the carbon cycle, and global environmental change. The physical concepts necessary for understanding the structure, motion and energy balance of the atmosphere, ocean, and cryosphere are covered first, and then these concepts are applied in exploring major earth processes. Examples from Earth's past history, on-going changes in the climate, and implications for the future are highlighted.

Course Note: Course includes lectures twice a week, a one hour section, and lab. ESE 50 is also offered as EPS 50. Students may not take both for credit. This course fulfills the EPS sub-discipline requirement of Atmosphere (s) and Oceans.

FAS Divisional Distribution: Science & Engineering & Applied Science

ESE 101

Global Warming Science 101

Course ID: 214500
2026 Spring (4 Credits)

W 0300 PM - 0545 PM

Eli Tziperman

An introduction to the science of global warming/climate change meant to assist students in understanding issues that often appear in the news and public debates. The course is meant for any STEM student with basic math preparation, not assuming prior science courses. Topics include the greenhouse effect and consequences of the rise of greenhouse gasses, including sea level rise, ocean acidification, heat waves, droughts, glacier melting, forest fires, expected changes to hurricanes, and more. An ability to critically evaluate observations, predictions, and risks will be developed throughout. The students will be guided in a hands-on, in-class quantitative analysis of climate observations, models, and feedbacks using provided Python Jupyter notebooks.

Course Note: This course fulfills the E-PSCI sub-discipline requirement of Atmosphere(s) and Oceans. E-PSCI 101 is also offered as ESE 101. Students may not take both for credit. For SB students: this course can only count as a science elective in the concentration requirements, and SB students must enroll in E-PSCI 101. AB students may enroll in either E-PSCI 101 or ESE 101 to meet their concentration requirements.

Basic calculus and ordinary differential equations, as covered, for example, by Math 19a or Math 21b or permission of instructor. Some previous exposure to programming (in any programming language) is assumed, and Python will be introduced as part of the course. The course will introduce the students to various science subjects, but no prior college-level science knowledge is assumed.

FAS Divisional Distribution: Science & Engineering & Applied Science

Quantitative Reasoning with Data: Yes

ESE 102

Data Analysis and Statistical Inference in the Earth and Environmental Sciences

Course ID: 217624
2025 Fall (4 Credits)

MW 0300 PM - 0415 PM

Roger Fu

Statistical inference, deterministic and stochastic models of data, denoising and filtering, data, visualization, time

series analysis, image processing, Monte Carlo methods. The course emphasizes hands-on learning using real data drawn from atmospheric and environmental observations, applied by students in projects and presentations.

Course Note: There is one half-day field trip to the Middlesex Fells to take data for the first of two projects. ESE 102 is also offered as EPS 102. Students may not take both for credit.

Math 21 or Applied Math 22 a and b or equivalent.

FAS Divisional Distribution: Science & Engineering & Applied Science

Quantitative Reasoning with Data: Yes

ESE 117

Introduction to Geospatial Analysis

TR 1200 PM - 0115 PM

Bryan Yoon

This course examines the fundamental basis of geospatial analysis and prepares students for further learning in remote sensing, advanced geospatial analysis, and spatial statistics. Focusing primarily on environmental datasets and questions, the course utilizes Python/R and QGIS to explore how spatial analysis can be used in environmental science, engineering, and management. This course is suited for students who want an accelerated introduction to geospatial analysis.

Course Note: Offered every other year.

Requires: Requirement: Must have completed COMPSCI 32, COMPSCI 50, APMTH10, SCI 5, STAT 110, or PHYSICI 12A. Cannot be taken for credit if GOV 1008 or GOV 1009 already complete.

Course ID: 226490
2026 Spring (4 Credits)

ESE 129

Climate and Atmospheric Physics Laboratory

R 1245 PM - 0330 PM

Marianna Linz

This course will take a hands-on approach to learning climate and atmospheric physics. Some of the topics covered will include the Greenhouse effect, hurricanes, climate variability, the jet stream, and global climate modeling. Students will learn to create effective data visualizations and read scientific literature. Each week will have one 165-minute session to perform laboratory experiments, run models, or analyze data. In this flipped-classroom environment, knowledge transfer will occur primarily outside of class through readings and pre-class assignments in preparation for each session.

Course Note: ESE 129 is also offered as EPS 129. Students may not take both for credit. For SB students: this course can only count as a science elective in the concentration requirements, and SB students must enroll in EPS 129. AB students may enroll in either EPS 129 or ESE 129 to meet their concentration requirements. This class meets in the Science and Engineering Complex (SEC) 1.216 EnviroLab on the Allston campus.

Physics 12a/15a/16, Math 21a (b strongly recommended) or equivalent or permission of instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 213669
2025 Fall (4 Credits)

ESE 131

Introduction to Physical Oceanography and Climate

TR 1030 AM - 1145 AM

Eli Tziperman

Observations and fundamentals of ocean dynamics, from the role of the oceans in climate change to beach waves. Topics include the greenhouse effect and the role of the oceans in global warming; El Niño events in the equatorial Pacific Ocean; the wind-driven ocean circulation and the Gulf Stream; coastal upwelling and fisheries; temperature, salinity, the overturning ocean circulation and its effect on global climate stability and variability; wave motions: surface ocean waves, internal waves, tsunamis, and tides; ocean observations by ships, satellites, moorings, floats and more. A field trip to the Woods Hole Oceanographic Institution on Cape Cod will be an opportunity to learn about sea-going oceanography. Students will be doing a group video project and group in-class presentations. Scientific computation and visualization methods will be introduced (students may choose either Matlab or Python) and will be used for some homework assignments.

Course Note: EPS 131 is also offered as ESE 131. Students may not take both for credit. This course fulfills the EPS sub-discipline requirement of Atmosphere(s) and Oceans. Given in alternate years.

Mathematics 21a, 21b; Physical Sciences 12a, Physics 15a or Applied Physics 50a; or equivalents/ permission

of instructor. Basic programming for scientific computation and graphics will be introduced (students may choose either Matlab or Python) and will be used for some homework assignments; no prior programming experience is assumed.

FAS Divisional Distribution: Science & Engineering & Applied Science

Quantitative Reasoning with Data: Yes

ESE 132

Introduction to Meteorology and Climate

MW 0900 AM - 1015 AM

Brian Farrell

Physical concepts necessary to understand atmospheric structure and motion. Phenomena studied include the formation of clouds and precipitation, solar and terrestrial radiation, dynamical balance of the large-scale wind, and the origin of cyclones. Concepts developed for understanding today's atmosphere are applied to understanding the record of past climate change and the prospects for climate change in the future.

Course Note: ESE 132 is also offered as EPS 132. Students may not take both for credit. Undergraduate Engineering Students should enroll in ESE 132. Previously ENG-SCI 132.

Mathematics 21 or Applied Mathematics 21a and 21b; Physical Sciences 12; or permission of instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

ESE 133

Atmospheric Chemistry

WF 1030 AM - 1145 AM

Daniel Jacob

Chemical and physical processes determining the composition of the atmosphere and its implications for air pollution, climate, and life on Earth. Emphasis is on the construction of engineering models and the application of chemical principles to understand and address current environmental issues. Nitrogen, oxygen, and carbon cycles. Climate forcing by greenhouse gases and aerosols. Stratospheric ozone. Oxidizing power of the atmosphere. Methane. Surface air pollution: aerosols and ozone. Deposition to ecosystems: acid rain, nitrogen, mercury.

Course Note: ESE 133 is also offered as EPS 133. Students may not take both for credit. Undergraduate engineering students should enroll in ESE 133.

Physical Sciences 11, Mathematics 1b, or equivalents.

FAS Divisional Distribution: Science & Engineering & Applied Science

ESE 135

Observing the Ocean: Measurements and Instrumentation

TR 0900 AM - 1015 AM

Fiamma Straneo

Is the ocean warming? Where and why is sea level rising? Where does the freshwater from Arctic ice melting go? Using real-world examples, this course will provide an overview of why and how we measure the ocean, focusing primarily on its physical properties. It will cover sensors, instruments and platforms, best field practices in data collection and calibration, fieldwork organization implementation, and ocean data analysis. During the course, students will build, test and calibrate an ocean profiling instrument. Students will participate in a one-day research cruise where they will collect data using both the instruments they built and other traditional oceanographic instruments

Course Note: This course includes a weekly 2-hour lab in Allston and two one-day field trips. ESE 135 is also offered as EPS 135. Students may not take both for credit.

The course is designed for upper-level undergraduates. There are no specific prerequisites but background in environmental or physical sciences; experience in coding (Python, R, or Matlab) or statistical analysis is recommended.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 156491

2025 Fall (4 Credits)

Course ID: 156496

2026 Spring (4 Credits)

Course ID: 226437

2025 Fall (4 Credits)

Instructor Permission Required

Space Science and Engineering: Theory and Applications

TR 1030 AM - 1145 AM

Robin Wordsworth

This course is an introduction to the challenges involved in designing spacecraft for observation of Earth and exploration of other planets. Topics covered include basic atmospheric and planetary science, key principles of remote sensing, telemetry, orbital transfer theory, propulsion and launch system design, and thermal and power management.

Course Note: ESE 160 is also offered as EPS 160. Students may not take both for credit. Undergraduate engineering students should enroll in ESE 160.

Math 21a and 21b (or equivalents); and Physical Sciences 12a and 12b (or equivalents). If you haven't taken these courses, permission from the instructor is required.

FAS Divisional Distribution: Science & Engineering & Applied Science

ESE 164Course ID: 216418
2025 Fall (4 Credits)**Environmental and Industrial Chemistry for Energy, Climate, and Sustainability**

MW 1200 PM - 0115 PM

Scot Martin

Part 1: Intersection of environment/industry, including decarbonization of the materials industry. Chemistries for cement and steel production without carbon dioxide emission, the smelting industry for extraction of metals from ores, present-day and possible futures for chemistry of a hydrogen economy, and chemistry of emerging battery technologies. Part 2: Environmental processes of chemistry, such as alkalinity of ocean acidification, pH and pE as master variables for the chemistry of an ecosystem, drinking and wastewater treatment, and soil chemistry for agriculture.

Course Note: ESE 164 is also offered as EPS 164. Students may not take both for credit.

Physical Sciences 11 or equivalent in general chemistry.

FAS Divisional Distribution: Science & Engineering & Applied Science

ESE 166Course ID: 161263
2026 Spring (4 Credits)**State-of-the-Art Harvard Climate Observatory and Associated Instrumentation**

MWF 0130 PM - 0245 PM

James Anderson

ESE/EPS 166 engages the new Harvard Climate Observatory that will fundamentally herald a new era in both climate research and the development of strategic approaches to advancing the climate impact on public policy. The central objective of the New Climate Observatory is to address this problem by introducing, for the first time, the development of a new generation of innovative technology that takes explicit advantage of recent major advances in Harvard-based instruments and optical designs in combination with advanced solar powered stratospheric aeronautical design. The new solar powered stratospheric aircraft that together constitute the Climate Observatory engage multiple recent design innovations in photovoltaics, energy storage, as well as guidance and control. Together these enable a combination of long duration solar powered observing systems, each targeted at the highest priority risk factors that threaten global societal stability. The resulting observations will, for the first time, provide the irrefutable evidence needed for quantitative forecasts of the dominant risk factors stemming from the global use of fossil fuels. While satellites have for years dominated the federal climate programs, for the purpose of developing tested and trusted quantitative forecasts of risk, satellites engender significant disadvantages. In sharp contrast to satellite systems, the new Harvard Climate Observatory provides, for the first time, orders of magnitude improvement in spatial and temporal resolution observations. ESE/EPS 166 will focus explicitly on this new generation of climate observations, forecasting, and resulting advances in public policy. An important part of the course is the display of Harvard flight instruments in the laboratory and the strategy for addressing unsolved scientific problems with new instrumentation.

Course Note: ESE 166 is also offered as EPS 166. Students may not take both for credit. This course integrates the challenges of climate scientific objectives with the strategy for instrument innovation and the lab is integrated with the course structure.

Math 1a, b; PS 11 or equivalent; PS 12a, b (or Physics 15a, b or AP 50a, b).

Requires: Prerequisite: Math 1b; Physical Sciences 1 or 11; and Physical Sciences 12a and 12b (or equivalents)

ESE 169

Course ID: 109341

Field and Lab-Based Seminar on Local Pollution Issues

2025 Fall (4 Credits)

TR 1030 AM - 1145 AM

*Instructor Permission Required**Elsie Sunderland*

This course provides a cross-disciplinary overview of environmental science and how research contributes to public policy and human health risk assessment through a case study of a local pollution issue. The course will focus on exposing students to a combination of field, lab and modeling techniques used in environmental sciences through an intensive study of factors affecting the bioaccumulation of contaminants on Cape Cod, MA. The class will include field visits, lab work, and interactive group research aimed at synthesizing research findings. Experience conducting multidisciplinary environmental research and data analysis will be provided. Course Activities: Lectures, discussions, presentations, field/lab research, data analysis.

Course Note: ESE 169 is also offered as EPS 169. Students may not take both for credit. Total class capacity of 18 is for both ESE 169 and EPS 169.

Two semesters of undergraduate chemistry including Physical Sciences 1 or Physical Sciences 11; Mathematics 1a & 1b. Knowledge of basic statistics is also helpful.

Requires: Prerequisite: Physical Sciences 1 or 11; and Math 1b

FAS Divisional Distribution: Science & Engineering & Applied Science

Ethnicity, Migration, Rights**Ethnicity, Migration, Rights**

EMR 154 (01)

Course ID: 220425

Migration, Refugees, and Human Rights

2025 Fall (4 Credits)

MW 1030 AM - 1145 AM

*Instructor Permission Required**Jacqueline Bhabha*

Migration is a central political and moral issue of our time and its impacts will continue to alter our world throughout this century. Indeed large scale, irregular human migration should be considered "the new normal", not an unexpected or one-off "crisis". It affects the lives of millions, unsettles established governments, creates sharply polarizing policy dilemmas and generates far-reaching administrative, economic and political challenges. This course will focus on distress migration, including refugee flight and other forms of forced displacement, evaluated through the lens of human rights. It will address the multifaceted drivers of the phenomenon, including the enduring legacies of colonization, armed conflict, environmental stress and climate change, global inequality, demographic pressures and increasing globalization. The course will also consider the impact of government responses to the COVID 19 pandemic on forced migrants. Migration actors from UN agencies, NGOs and other civil society organizations, and research experts working in a range of field sites will contribute to the class. The course will address the legal frameworks governing migration, and the ethical and pragmatic considerations that influence policies. It will explore the viability of a range of solutions to current migration challenges, including unequal access to protection, the failure of equitable resettlement and the erosion of host empathy/solidarity. The extent to which pandemic related measures conform to or violate legal and ethical obligations will also be considered. A key goal is to enable students to analyze current migration situations with clarity and rigor concerning the obligations of states and the rights of migrants. Using examples of large-scale contemporary population movements – the Ukrainian war and its human impact, the ongoing Tigrayan emergency, the Rohingya exodus, the Venezuelan context, the Mediterranean migration situation, extensive intra-regional mobility within the African continent, US/Mexico/Central American movements, unaccompanied child migration in many regions – the course will examine migration drivers, policy responses and rights challenges such as exclusion and denial of protection, persistent racism in border control, detention, prolonged confinement within refugee camps and forced repatriation. It will also engage with the multiple risks, including statelessness, trafficking, drowning, sexual violence, that migrants face before, during and after their journeys. The course will cover key current policy developments, at the municipal, national, regional and international level. The course will discuss seasonal migration, child migration, undocumented and irregular status, gender factors in migration and the role of xenophobia in driving policy. Students will be required to make in class presentations, to prepare questions for guest lecturers, and to participate in class discussion, including by considering a range of strategies for increasing access to safe mobility as a key redistributive global good. Undergraduate enrollment is limited to juniors and seniors.

FAS Divisional Distribution: Arts and Humanities

EMR 174 (1)

Mashpee and Harvard: Braided Histories

F 1000 AM - 0100 PM

Ann Braude

Course ID: 226439
2025 Fall (4 Credits)

Instructor Permission Required

Goals of self-governance and perseverance of the Mashpee Wampanoag Tribe's (MWT's) autonomy have intertwined with Harvard's founding educational and religious mission for 400 years. Collaboratively conceived with members of the MWT Historic Preservation Commission, this course explores indigenous, English, and American responses to the university's mandate to educate "English and Indian youth," in "knowledge and godliness." Reversing the longstanding practice of Wampanoag educators traveling to Harvard to help students understand the region in which they live and study, students will travel to Mashpee to engage the tribe and its institution. They will contribute to understanding of the braided histories of tribe and university through research on topics identified by the MWT Historic Preservation Commission, including indigenous sovereignty, land stewardship, and MWT access to education and control of Christian Institutions. The course includes day-long trips to Mashpee. Students should be prepared to be gone from Cambridge 9-5 on a few Fridays. Transportation will be provided. Enrollment limited to 25.

EMR 177 (1)

Queer/Cuir Latinidades: Film, Theatre, and Performance in the Americas

M 0300 PM - 0545 PM

Aitor Bouso Gavin

Course ID: 226438
2025 Fall (4 Credits)

Instructor Permission Required

This seminar examines the intersections of queer and cuir identities—the latter being a term that challenges Anglo-centrism through a decolonial lens—in U.S. Latinx and Latin American film, theatre, and performance. We will examine how artists, playwrights, and filmmakers interrogate dominant narratives of gender and sexuality, disrupt colonial and national imaginaries, and create spaces of resistance, relationality, and community. Through movies, plays, performances, and theoretical readings, we will engage with works by figures such as the Chicano playwright Luis Alfaro, the Latina/x performance artists Nao Bustamante and Carmelita Tropicana, or the Puerto Rican rapper Villano Antillano, among others. Key topics will include racialized queer aesthetics, trans* and nonbinary representation, the politics of spectacle and camp, and the role of performance in Black and Indigenous LGBTQIA+ social activism. Students will model a multidisciplinary, hemispheric, and decolonial approach, including queer of color critique, performance studies, and critical race theory, while also reflecting on contemporary movements and their cultural production. No prior knowledge is required, and students will have the opportunity to engage creatively with the material through writing, discussion, and optional performance-based assignments.

FAS Divisional Distribution: Arts and Humanities

EMR 178 (1)

Migration and Border Crossing in Film and Photography

WF 1200 PM - 0115 PM

Raquel Vega-Duran

Course ID: 226442
2025 Fall (4 Credits)

Instructor Permission Required

From an interdisciplinary perspective, this course explores the ways in which film and photography recount past and present human migrations, and how they contribute to and question the construction of the social imaginary of the migrant. Focusing on migrations particularly related to Spanish-speaking countries, we will examine themes such as "global" vs. "local"; conceptions of hybridity, otherness, belonging, border, assimilation, and neo-racism; the paradoxical nature of the "migrant"; the role of history, language, religion, and culture in the acceptance and rejection of foreigners; the relationship between border and identity; the feminization of migrations; the use of the term "illegal" in relation to migrations; and the emergence of "new" identities; among others. We will learn how to analyze the complexities of film and photography, considering movies, documentaries, photographs, and other visual materials which cover past and present migrations from Africa, America, Asia, and Europe. We will also study the history of migrations, and will examine the intricacies of the concept of migrant (as both emigrant and immigrant), paying particular attention to the different stages of migrants' journeys (the departure from the home country; the crossing of transit countries and borders; the arrival; and the settlement or forced deportation). No previous knowledge of film or photography required. This course will be conducted in Spanish.

FAS Divisional Distribution: Arts and Humanities

Introduction to Migration and Border Studies*No meeting time listed**Instructor Permission Required**Raquel Vega-Duran*

Introduction to Migration and Border Studies explores the construction of migration narratives through a humanistic lens. Rooted in the Humanities—the traditional home of storytelling—this course recognizes storytelling (broadly defined) as a powerful force in shaping our understanding of the world. We will examine migration through a wide range of methodological, theoretical, historical, geographical, and cultural perspectives, aiming to develop a nuanced and comprehensive understanding of the migration experience. This interdisciplinary course is taught by EMR Faculty Chair Raquel Vega-Durán and features contributions from six guest speakers. Each week, we will examine themes of borders and migration through a different disciplinary or artistic lens, including: narratology, literature, cartography, poetry, graphic novels, painting, art installations, music, philosophy, photography, narrative film, documentary film, and architecture.

Topics in Latinx Studies: Latinx Literature and Visual Culture

TR 1200 PM - 0115 PM

Aitor Bouso Gavin

This is a broad-based course that utilizes art and literature as political and historical tools of analysis. Students will be introduced to a variety of issues, debates, and methodologies which are central to Latinx studies. While engaging in a hands-on practice of self-inquiry and social critique, we will learn to model a comparative, intersectional, and transnational approach to study the work of influential Latinx writers, artists, and scholars. The class will facilitate contemporary discussions of cultural and political articulations of Latinidad. We will focus on key historical national and transhemispheric movements and events that have shaped the history of Latinx communities in the US such as 'El Movimiento' [Chicano Movement], the influx of Central American migration after prolonged civil wars and military interventions on the region, or the impact of NAFTA on the border. Given that Latinx creators often blur the boundaries of traditional literary, artistic, and scholarly genres, students will be working with works by diverse foundational figures which includes Afro-Nuyorican author Piri Thomas, queer Chicana multidisciplinary writer Gloria Anzaldúa and contemporary visual artists such as Firelei Báez and Guadalupe Maravilla. Topics addressed in the course will include: the history of U.S. imperialism in Latin America, transnational migration and the U.S.-Mexico border, the colonial legacies of anti-blackness, Latina feminism(s), or critical Latinx Indigeneities. The class is open and accessible to all students.

Instructor: Aitor Bouso Gavín, Lecturer in Latinx Studies.

FAS Divisional Distribution: Arts and Humanities

Topics in Native American and Indigenous Studies: Native North America

M 1200 PM - 0245 PM

Mandy Izadi

The first Americans met Europeans on their shores over five hundred years ago. They made the continent theirs millennia prior. And yet, Indigenous Americans are often missing, or misrepresented—in traditional, even contemporary portraits of North America. An introduction to the study of Native North America—and Native American and Indigenous Studies—this course provides a sweeping portrait of the histories and legacies of settler colonialism, war, dispossession, and slavery in the continent; it also reckons with contemporary issues, like reparations and the LandBack movement. Whenever possible, a global perspective will illuminate aspects of settler colonial states in places such as Australia, Finland, and Japan. More than anything, this sort of perspective will bring into view the magnitude of Indigenous power, resilience, and solidarity. Specific subjects of study include: land loss; Native culture and spirituality; inter-cultural and inter-ethnic relations; human-nature interactions; U.S. land management practices, including resource extraction; Indian law and legal violence; sovereignty and self-determination; decolonization and reparations; gender equity and human rights. This course prioritizes the perspectives, scholarship, and literature of Native Americans. True to the cross-disciplinary nature of NAIS, course material draws from academic literature as well as the arts; this includes, for instance, historical scholarship, legal studies, literature, film, and global history. Over the course of the term we will explore the ways in which these disciplines + the arts offer discrete approaches to the study of Native North America.

FAS Divisional Distribution: Arts and Humanities

Topics in Asian American Studies

TR 1030 AM - 1145 AM

Leslie Fernandez

This is an introductory course in Asian American studies centered around questions of identity and representation. We will familiarize ourselves with key frameworks and theoretical readings in Asian American studies and think about how what it means to be Asian American has been conceptualized and articulated by Asian Americans in relationship to political, social and cultural discourse. The course will pay particular attention to how pop culture has increasingly become an important and contested site of identity formation. The course looks at a wide range of contemporary Asian American texts in different genres to analyze how Asian Americans represent themselves and are represented in popular culture. We will consider how popular media engages and interacts with contemporary Asian American political and social issues: How do themes such as identity, migration, and diaspora manifest in these texts? How do Asian American artists leverage different mediums for their aesthetic and political goals? How do economic pressures and marketability shape the possibilities of Asian American art?

FAS Divisional Distribution: Arts and Humanities

Expository Writing**Expository Writing**

EXPOS 10 (101)

Course ID: 118262
2025 Fall (4 Credits)**Introduction to Expository Writing**

MW 0300 PM - 0415 PM

*Instructor Permission Required**Patricia Bellanca*

Topic: Expos Studio 10: Introduction

In Expos Studio 10, students practice analyzing sources, developing and organizing their ideas, and making arguments as they become familiar with the expectations of college writing. In small classes taking a hands-on approach, students work closely with instructors to learn strategies for drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. In a small community of writers, students participate in workshops to discuss each other's work, thereby becoming more skillful at reading and revising their own writing. Assignments are based on sources from a range of disciplines and genres, and build in complexity so that students can master essential skills at each step. Expos Studio 10 focuses on academic essays as well as the personal statement required for fellowship or internship applications. Following Expos Studio 10, students take either Expos Studio 20 or an Expos 20 course to meet the writing requirement. All students meet with an Expos faculty member to discuss their course placement before enrolling.

Course Note: After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 10 (102)

Course ID: 118262
2025 Fall (4 Credits)**Introduction to Expository Writing**

TR 1030 AM - 1145 AM

*Instructor Permission Required**Margaret Deli*

Topic: Expos Studio 10: Introduction

In Expos Studio 10, students practice analyzing sources, developing and organizing their ideas, and making arguments as they become familiar with the expectations of college writing. In small classes taking a hands-on approach, students work closely with instructors to learn strategies for drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. In a small community of writers, students participate in workshops to discuss each other's work, thereby becoming more skillful at reading and revising their own writing. Assignments are based on sources from a range of disciplines and genres, and build in complexity so that students can master essential skills at each step. Expos Studio 10 focuses on academic essays as well as the personal statement required for fellowship or internship applications. Following Expos Studio 10, students take either Expos Studio 20 or an Expos 20 course to meet the writing requirement. All students meet with an Expos faculty member to discuss their course placement before enrolling.

Course Note: After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 10 (103)

Course ID: 118262
2025 Fall (4 Credits)

Introduction to Expository Writing

TR 1200 PM - 0115 PM

Instructor Permission Required

Margaret Deli

Topic: Expos Studio 10: Introduction

In Expos Studio 10, students practice analyzing sources, developing and organizing their ideas, and making arguments as they become familiar with the expectations of college writing. In small classes taking a hands-on approach, students work closely with instructors to learn strategies for drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. In a small community of writers, students participate in workshops to discuss each other's work, thereby becoming more skillful at reading and revising their own writing. Assignments are based on sources from a range of disciplines and genres, and build in complexity so that students can master essential skills at each step. Expos Studio 10 focuses on academic essays as well as the personal statement required for fellowship or internship applications. Following Expos Studio 10, students take either Expos Studio 20 or an Expos 20 course to meet the writing requirement. All students meet with an Expos faculty member to discuss their course placement before enrolling.

Course Note: After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 10 (104)

Course ID: 118262
2025 Fall (4 Credits)

Introduction to Expository Writing

TR 1030 AM - 1145 AM

Instructor Permission Required

Alexandra Gold

Topic: Expos Studio 10: Introduction

In Expos Studio 10, students practice analyzing sources, developing and organizing their ideas, and making arguments as they become familiar with the expectations of college writing. In small classes taking a hands-on approach, students work closely with instructors to learn strategies for drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. In a small community of writers, students participate in workshops to discuss each other's work, thereby becoming more skillful at reading and revising their own writing. Assignments are based on sources from a range of disciplines and genres, and build in complexity so that students can master essential skills at each step. Expos Studio 10 focuses on academic essays as well as the personal statement required for fellowship or internship applications. Following Expos Studio 10, students take either Expos Studio 20 or an Expos 20 course to meet the writing requirement. All students meet with an Expos faculty member to discuss their course placement before enrolling.

Course Note: After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 10 (105)

Course ID: 118262
2025 Fall (4 Credits)

Introduction to Expository Writing

TR 1200 PM - 0115 PM

Instructor Permission Required

Alexandra Gold

Topic: Expos Studio 10: Introduction

In Expos Studio 10, students practice analyzing sources, developing and organizing their ideas, and making arguments as they become familiar with the expectations of college writing. In small classes taking a hands-on approach, students work closely with instructors to learn strategies for drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. In a small community of writers, students participate in workshops to discuss each other's work, thereby becoming more skillful at reading and revising their own writing. Assignments are based on sources from a range of disciplines and genres, and build in complexity so that students can master essential skills at each step. Expos Studio 10 focuses on academic essays as well as the personal statement required for fellowship or internship applications. Following Expos Studio 10, students

take either Expos Studio 20 or an Expos 20 course to meet the writing requirement. All students meet with an Expos faculty member to discuss their course placement before enrolling.

Course Note: After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 10 (106)

Course ID: 118262

Introduction to Expository Writing

2025 Fall (4 Credits)

TR 1200 PM - 0115 PM

Instructor Permission Required

Amy Hanes

Topic: Expos Studio 10: Introduction

In Expos Studio 10, students practice analyzing sources, developing and organizing their ideas, and making arguments as they become familiar with the expectations of college writing. In small classes taking a hands-on approach, students work closely with instructors to learn strategies for drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. In a small community of writers, students participate in workshops to discuss each other's work, thereby becoming more skillful at reading and revising their own writing. Assignments are based on sources from a range of disciplines and genres, and build in complexity so that students can master essential skills at each step. Expos Studio 10 focuses on academic essays as well as the personal statement required for fellowship or internship applications. Following Expos Studio 10, students take either Expos Studio 20 or an Expos 20 course to meet the writing requirement. All students meet with an Expos faculty member to discuss their course placement before enrolling.

Course Note: After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 10 (107)

Course ID: 118262

Introduction to Expository Writing

2025 Fall (4 Credits)

TR 0300 PM - 0415 PM

Instructor Permission Required

Amy Hanes

Topic: Expos Studio 10: Introduction

In Expos Studio 10, students practice analyzing sources, developing and organizing their ideas, and making arguments as they become familiar with the expectations of college writing. In small classes taking a hands-on approach, students work closely with instructors to learn strategies for drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. In a small community of writers, students participate in workshops to discuss each other's work, thereby becoming more skillful at reading and revising their own writing. Assignments are based on sources from a range of disciplines and genres, and build in complexity so that students can master essential skills at each step. Expos Studio 10 focuses on academic essays as well as the personal statement required for fellowship or internship applications. Following Expos Studio 10, students take either Expos Studio 20 or an Expos 20 course to meet the writing requirement. All students meet with an Expos faculty member to discuss their course placement before enrolling.

Course Note: After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 10 (108)

Course ID: 118262

Introduction to Expository Writing

2025 Fall (4 Credits)

TR 1030 AM - 1145 AM

Instructor Permission Required

Karen Heath

Topic: Expos Studio 10: Introduction

In Expos Studio 10, students practice analyzing sources, developing and organizing their ideas, and making arguments as they become familiar with the expectations of college writing. In small classes taking a hands-on approach, students work closely with instructors to learn strategies for drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. In a small community of writers, students participate in workshops to discuss each other's work, thereby becoming more skillful at reading and revising their own writing. Assignments are based on sources from a range of disciplines and genres, and build in complexity so

that students can master essential skills at each step. Expos Studio 10 focuses on academic essays as well as the personal statement required for fellowship or internship applications. Following Expos Studio 10, students take either Expos Studio 20 or an Expos 20 course to meet the writing requirement. All students meet with an Expos faculty member to discuss their course placement before enrolling.

Course Note: After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 10 (109)

Course ID: 118262

Introduction to Expository Writing

2025 Fall (4 Credits)

MW 0900 AM - 1015 AM

Instructor Permission Required

Thomas Jehn

Topic: Expos Studio 10: Introduction

In Expos Studio 10, students practice analyzing sources, developing and organizing their ideas, and making arguments as they become familiar with the expectations of college writing. In small classes taking a hands-on approach, students work closely with instructors to learn strategies for drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. In a small community of writers, students participate in workshops to discuss each other's work, thereby becoming more skillful at reading and revising their own writing. Assignments are based on sources from a range of disciplines and genres, and build in complexity so that students can master essential skills at each step. Expos Studio 10 focuses on academic essays as well as the personal statement required for fellowship or internship applications. Following Expos Studio 10, students take either Expos Studio 20 or an Expos 20 course to meet the writing requirement. All students meet with an Expos faculty member to discuss their course placement before enrolling.

Course Note: After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 10 (110)

Course ID: 118262

Introduction to Expository Writing

2025 Fall (4 Credits)

MW 1030 AM - 1145 AM

Instructor Permission Required

Jodi Johnson

Topic: Expos Studio 10: Introduction

In Expos Studio 10, students practice analyzing sources, developing and organizing their ideas, and making arguments as they become familiar with the expectations of college writing. In small classes taking a hands-on approach, students work closely with instructors to learn strategies for drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. In a small community of writers, students participate in workshops to discuss each other's work, thereby becoming more skillful at reading and revising their own writing. Assignments are based on sources from a range of disciplines and genres, and build in complexity so that students can master essential skills at each step. Expos Studio 10 focuses on academic essays as well as the personal statement required for fellowship or internship applications. Following Expos Studio 10, students take either Expos Studio 20 or an Expos 20 course to meet the writing requirement. All students meet with an Expos faculty member to discuss their course placement before enrolling.

Course Note: After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 10 (111)

Course ID: 118262

Introduction to Expository Writing

2025 Fall (4 Credits)

MW 1200 PM - 0115 PM

Instructor Permission Required

Jodi Johnson

Topic: Expos Studio 10: Introduction

In Expos Studio 10, students practice analyzing sources, developing and organizing their ideas, and making arguments as they become familiar with the expectations of college writing. In small classes taking a hands-on approach, students work closely with instructors to learn strategies for drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. In a small community of writers, students participate in

workshops to discuss each other's work, thereby becoming more skillful at reading and revising their own writing. Assignments are based on sources from a range of disciplines and genres, and build in complexity so that students can master essential skills at each step. Expos Studio 10 focuses on academic essays as well as the personal statement required for fellowship or internship applications. Following Expos Studio 10, students take either Expos Studio 20 or an Expos 20 course to meet the writing requirement. All students meet with an Expos faculty member to discuss their course placement before enrolling.

Course Note: After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 10 (112)

Introduction to Expository Writing

Course ID: 118262

2025 Fall (4 Credits)

TR 1030 AM - 1145 AM

Instructor Permission Required

Jonah Johnson

Topic: Expos Studio 10: Introduction

In Expos Studio 10, students practice analyzing sources, developing and organizing their ideas, and making arguments as they become familiar with the expectations of college writing. In small classes taking a hands-on approach, students work closely with instructors to learn strategies for drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. In a small community of writers, students participate in workshops to discuss each other's work, thereby becoming more skillful at reading and revising their own writing. Assignments are based on sources from a range of disciplines and genres, and build in complexity so that students can master essential skills at each step. Expos Studio 10 focuses on academic essays as well as the personal statement required for fellowship or internship applications. Following Expos Studio 10, students take either Expos Studio 20 or an Expos 20 course to meet the writing requirement. All students meet with an Expos faculty member to discuss their course placement before enrolling.

Course Note: After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 10 (113)

Introduction to Expository Writing

Course ID: 118262

2025 Fall (4 Credits)

TR 1200 PM - 0115 PM

Instructor Permission Required

Hannah Kauders

Topic: Expos Studio 10: Introduction

In Expos Studio 10, students practice analyzing sources, developing and organizing their ideas, and making arguments as they become familiar with the expectations of college writing. In small classes taking a hands-on approach, students work closely with instructors to learn strategies for drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. In a small community of writers, students participate in workshops to discuss each other's work, thereby becoming more skillful at reading and revising their own writing. Assignments are based on sources from a range of disciplines and genres, and build in complexity so that students can master essential skills at each step. Expos Studio 10 focuses on academic essays as well as the personal statement required for fellowship or internship applications. Following Expos Studio 10, students take either Expos Studio 20 or an Expos 20 course to meet the writing requirement. All students meet with an Expos faculty member to discuss their course placement before enrolling.

Course Note: After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 10 (114)

Introduction to Expository Writing

Course ID: 118262

2025 Fall (4 Credits)

TR 0300 PM - 0415 PM

Instructor Permission Required

Hannah Kauders

Topic: Expos Studio 10: Introduction

In Expos Studio 10, students practice analyzing sources, developing and organizing their ideas, and making arguments as they become familiar with the expectations of college writing. In small classes taking a hands-on approach, students work closely with instructors to learn strategies for drafting and revising clear, engaging

essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. In a small community of writers, students participate in workshops to discuss each other's work, thereby becoming more skillful at reading and revising their own writing. Assignments are based on sources from a range of disciplines and genres, and build in complexity so that students can master essential skills at each step. Expos Studio 10 focuses on academic essays as well as the personal statement required for fellowship or internship applications. Following Expos Studio 10, students take either Expos Studio 20 or an Expos 20 course to meet the writing requirement. All students meet with an Expos faculty member to discuss their course placement before enrolling.

Course Note: After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 10 (115)

Course ID: 118262
2025 Fall (4 Credits)

Introduction to Expository Writing

TR 1030 AM - 1145 AM

Instructor Permission Required

Cody Musselman

Topic: Expos Studio 10: Introduction

In Expos Studio 10, students practice analyzing sources, developing and organizing their ideas, and making arguments as they become familiar with the expectations of college writing. In small classes taking a hands-on approach, students work closely with instructors to learn strategies for drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. In a small community of writers, students participate in workshops to discuss each other's work, thereby becoming more skillful at reading and revising their own writing. Assignments are based on sources from a range of disciplines and genres, and build in complexity so that students can master essential skills at each step. Expos Studio 10 focuses on academic essays as well as the personal statement required for fellowship or internship applications. Following Expos Studio 10, students take either Expos Studio 20 or an Expos 20 course to meet the writing requirement. All students meet with an Expos faculty member to discuss their course placement before enrolling.

Course Note: After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 10 (116)

Course ID: 118262
2025 Fall (4 Credits)

Introduction to Expository Writing

TR 1200 PM - 0115 PM

Instructor Permission Required

Cody Musselman

Topic: Expos Studio 10: Introduction

In Expos Studio 10, students practice analyzing sources, developing and organizing their ideas, and making arguments as they become familiar with the expectations of college writing. In small classes taking a hands-on approach, students work closely with instructors to learn strategies for drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. In a small community of writers, students participate in workshops to discuss each other's work, thereby becoming more skillful at reading and revising their own writing. Assignments are based on sources from a range of disciplines and genres, and build in complexity so that students can master essential skills at each step. Expos Studio 10 focuses on academic essays as well as the personal statement required for fellowship or internship applications. Following Expos Studio 10, students take either Expos Studio 20 or an Expos 20 course to meet the writing requirement. All students meet with an Expos faculty member to discuss their course placement before enrolling.

Course Note: After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 10 (117)

Course ID: 118262
2025 Fall (4 Credits)

Introduction to Expository Writing

MW 1200 PM - 0115 PM

Instructor Permission Required

Ben Parson

Topic: Expos Studio 10: Introduction

In Expos Studio 10, students practice analyzing sources, developing and organizing their ideas, and making

arguments as they become familiar with the expectations of college writing. In small classes taking a hands-on approach, students work closely with instructors to learn strategies for drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. In a small community of writers, students participate in workshops to discuss each other's work, thereby becoming more skillful at reading and revising their own writing. Assignments are based on sources from a range of disciplines and genres, and build in complexity so that students can master essential skills at each step. Expos Studio 10 focuses on academic essays as well as the personal statement required for fellowship or internship applications. Following Expos Studio 10, students take either Expos Studio 20 or an Expos 20 course to meet the writing requirement. All students meet with an Expos faculty member to discuss their course placement before enrolling.

Course Note: After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 10 (118)

Introduction to Expository Writing

MW 0130 PM - 0245 PM

Course ID: 118262

2025 Fall (4 Credits)

Instructor Permission Required

Ben Parson

Topic: Expos Studio 10: Introduction

In Expos Studio 10, students practice analyzing sources, developing and organizing their ideas, and making arguments as they become familiar with the expectations of college writing. In small classes taking a hands-on approach, students work closely with instructors to learn strategies for drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. In a small community of writers, students participate in workshops to discuss each other's work, thereby becoming more skillful at reading and revising their own writing. Assignments are based on sources from a range of disciplines and genres, and build in complexity so that students can master essential skills at each step. Expos Studio 10 focuses on academic essays as well as the personal statement required for fellowship or internship applications. Following Expos Studio 10, students take either Expos Studio 20 or an Expos 20 course to meet the writing requirement. All students meet with an Expos faculty member to discuss their course placement before enrolling.

Course Note: After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 10 (119)

Introduction to Expository Writing

TR 0900 AM - 1015 AM

Course ID: 118262

2025 Fall (4 Credits)

Instructor Permission Required

Mg Prezioso

Topic: Expos Studio 10: Introduction

In Expos Studio 10, students practice analyzing sources, developing and organizing their ideas, and making arguments as they become familiar with the expectations of college writing. In small classes taking a hands-on approach, students work closely with instructors to learn strategies for drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. In a small community of writers, students participate in workshops to discuss each other's work, thereby becoming more skillful at reading and revising their own writing. Assignments are based on sources from a range of disciplines and genres, and build in complexity so that students can master essential skills at each step. Expos Studio 10 focuses on academic essays as well as the personal statement required for fellowship or internship applications. Following Expos Studio 10, students take either Expos Studio 20 or an Expos 20 course to meet the writing requirement. All students meet with an Expos faculty member to discuss their course placement before enrolling.

Course Note: After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 10 (120)

Introduction to Expository Writing

TR 1030 AM - 1145 AM

Course ID: 118262

2025 Fall (4 Credits)

Instructor Permission Required

Mg Prezioso

Topic: Expos Studio 10: Introduction

In Expos Studio 10, students practice analyzing sources, developing and organizing their ideas, and making arguments as they become familiar with the expectations of college writing. In small classes taking a hands-on approach, students work closely with instructors to learn strategies for drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. In a small community of writers, students participate in workshops to discuss each other's work, thereby becoming more skillful at reading and revising their own writing. Assignments are based on sources from a range of disciplines and genres, and build in complexity so that students can master essential skills at each step. Expos Studio 10 focuses on academic essays as well as the personal statement required for fellowship or internship applications. Following Expos Studio 10, students take either Expos Studio 20 or an Expos 20 course to meet the writing requirement. All students meet with an Expos faculty member to discuss their course placement before enrolling.

Course Note: After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 10 (121)

Course ID: 118262
2025 Fall (4 Credits)

Introduction to Expository Writing

TR 1030 AM - 1145 AM

Instructor Permission Required

John Sampson

Topic: Expos Studio 10: Introduction

In Expos Studio 10, students practice analyzing sources, developing and organizing their ideas, and making arguments as they become familiar with the expectations of college writing. In small classes taking a hands-on approach, students work closely with instructors to learn strategies for drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. In a small community of writers, students participate in workshops to discuss each other's work, thereby becoming more skillful at reading and revising their own writing. Assignments are based on sources from a range of disciplines and genres, and build in complexity so that students can master essential skills at each step. Expos Studio 10 focuses on academic essays as well as the personal statement required for fellowship or internship applications. Following Expos Studio 10, students take either Expos Studio 20 or an Expos 20 course to meet the writing requirement. All students meet with an Expos faculty member to discuss their course placement before enrolling.

Course Note: After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 10 (122)

Course ID: 118262
2025 Fall (4 Credits)

Introduction to Expository Writing

TR 1200 PM - 0115 PM

Instructor Permission Required

John Sampson

Topic: Expos Studio 10: Introduction

In Expos Studio 10, students practice analyzing sources, developing and organizing their ideas, and making arguments as they become familiar with the expectations of college writing. In small classes taking a hands-on approach, students work closely with instructors to learn strategies for drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. In a small community of writers, students participate in workshops to discuss each other's work, thereby becoming more skillful at reading and revising their own writing. Assignments are based on sources from a range of disciplines and genres, and build in complexity so that students can master essential skills at each step. Expos Studio 10 focuses on academic essays as well as the personal statement required for fellowship or internship applications. Following Expos Studio 10, students take either Expos Studio 20 or an Expos 20 course to meet the writing requirement. All students meet with an Expos faculty member to discuss their course placement before enrolling.

Course Note: After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 10 (123)

Course ID: 118262
2025 Fall (4 Credits)

Introduction to Expository Writing

Peter Vilbig

Topic: Expos Studio 10: Introduction

In Expos Studio 10, students practice analyzing sources, developing and organizing their ideas, and making arguments as they become familiar with the expectations of college writing. In small classes taking a hands-on approach, students work closely with instructors to learn strategies for drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. In a small community of writers, students participate in workshops to discuss each other's work, thereby becoming more skillful at reading and revising their own writing. Assignments are based on sources from a range of disciplines and genres, and build in complexity so that students can master essential skills at each step. Expos Studio 10 focuses on academic essays as well as the personal statement required for fellowship or internship applications. Following Expos Studio 10, students take either Expos Studio 20 or an Expos 20 course to meet the writing requirement. All students meet with an Expos faculty member to discuss their course placement before enrolling.

Course Note: After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 10 (124)

Course ID: 118262

Introduction to Expository Writing

2025 Fall (4 Credits)

MW 0130 PM - 0245 PM

*Instructor Permission Required**Peter Vilbig*

Topic: Expos Studio 10: Introduction

In Expos Studio 10, students practice analyzing sources, developing and organizing their ideas, and making arguments as they become familiar with the expectations of college writing. In small classes taking a hands-on approach, students work closely with instructors to learn strategies for drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. In a small community of writers, students participate in workshops to discuss each other's work, thereby becoming more skillful at reading and revising their own writing. Assignments are based on sources from a range of disciplines and genres, and build in complexity so that students can master essential skills at each step. Expos Studio 10 focuses on academic essays as well as the personal statement required for fellowship or internship applications. Following Expos Studio 10, students take either Expos Studio 20 or an Expos 20 course to meet the writing requirement. All students meet with an Expos faculty member to discuss their course placement before enrolling.

Course Note: After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 10 (125)

Course ID: 118262

Introduction to Expository Writing

2025 Fall (4 Credits)

MW 1030 AM - 1145 AM

*Instructor Permission Required**Tracy Strauss*

Topic: Expos Studio 10: Introduction

In Expos Studio 10, students practice analyzing sources, developing and organizing their ideas, and making arguments as they become familiar with the expectations of college writing. In small classes taking a hands-on approach, students work closely with instructors to learn strategies for drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. In a small community of writers, students participate in workshops to discuss each other's work, thereby becoming more skillful at reading and revising their own writing. Assignments are based on sources from a range of disciplines and genres, and build in complexity so that students can master essential skills at each step. Expos Studio 10 focuses on academic essays as well as the personal statement required for fellowship or internship applications. Following Expos Studio 10, students take either Expos Studio 20 or an Expos 20 course to meet the writing requirement. All students meet with an Expos faculty member to discuss their course placement before enrolling.

Course Note: After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 10 (126)

Course ID: 118262
2025 Fall (4 Credits)

Introduction to Expository Writing

MW 1200 PM - 0115 PM

Instructor Permission Required

Tracy Strauss

Topic: Expos Studio 10: Introduction

In Expos Studio 10, students practice analyzing sources, developing and organizing their ideas, and making arguments as they become familiar with the expectations of college writing. In small classes taking a hands-on approach, students work closely with instructors to learn strategies for drafting and revising clear, engaging essays. Students meet frequently in individual conferences with instructors to discuss their work, and the class also emphasizes collaborative work among students. In a small community of writers, students participate in workshops to discuss each other's work, thereby becoming more skillful at reading and revising their own writing. Assignments are based on sources from a range of disciplines and genres, and build in complexity so that students can master essential skills at each step. Expos Studio 10 focuses on academic essays as well as the personal statement required for fellowship or internship applications. Following Expos Studio 10, students take either Expos Studio 20 or an Expos 20 course to meet the writing requirement. All students meet with an Expos faculty member to discuss their course placement before enrolling.

Course Note: After taking Expos Studio 10, a student must pass Expository Writing 20 or Expos Studio 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (201)

Course ID: 116353
2025 Fall (4 Credits)

Expository Writing 20

TR 1030 AM - 1145 AM

Instructor Permission Required

Sheza Alqera

Topic: Mindfulness from Aristotle to

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (201)

Course ID: 116353
2026 Spring (4 Credits)

Expository Writing 20

TR 1030 AM - 1145 AM

Instructor Permission Required

Sheza Alqera

Topic: Mindfulness from Aristotle to

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (202)

Course ID: 116353
2025 Fall (4 Credits)

Expository Writing 20

TR 1200 PM - 0115 PM

Instructor Permission Required

Sheza Alqera

Topic: Mindfulness from Aristotle to

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively

essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (202)

Expository Writing 20

TR 1200 PM - 0115 PM

Sheza Alqera

Topic: Mindfulness from Aristotle to

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353
2026 Spring (4 Credits)

Instructor Permission Required

EXPOS 20 (203)

Expository Writing 20

TR 1030 AM - 1145 AM

Katie Baca

Topic: Do No Harm? Healthcare's Limit

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353
2025 Fall (4 Credits)

Instructor Permission Required

EXPOS 20 (203)

Expository Writing 20

TR 1030 AM - 1145 AM

Katie Baca

Topic: Do No Harm? Healthcare's Limit

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353
2026 Spring (4 Credits)

Instructor Permission Required

EXPOS 20 (204)

Expository Writing 20

TR 0900 AM - 1015 AM

Douglas Bafford

Topic: Rationality and the Supernatural

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through

Course ID: 116353
2025 Fall (4 Credits)

Instructor Permission Required

the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (204)

Expository Writing 20

TR 0900 AM - 1015 AM

Douglas Bafford

Topic: Rationality and the Supernatural

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353

2026 Spring (4 Credits)

Instructor Permission Required

EXPOS 20 (205)

Expository Writing 20

TR 0430 PM - 0545 PM

Douglas Bafford

Topic: Taboo

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353

2025 Fall (4 Credits)

Instructor Permission Required

EXPOS 20 (205)

Expository Writing 20

TR 0430 PM - 0545 PM

Douglas Bafford

Topic: Taboo

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353

2026 Spring (4 Credits)

Instructor Permission Required

EXPOS 20 (206)

Expository Writing 20

MW 1030 AM - 1145 AM

Course ID: 116353

2025 Fall (4 Credits)

Instructor Permission Required

Collier Brown

Topic: Wastelands

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (206)

Expository Writing 20

MW 0300 PM - 0415 PM

Patricia Bellanca

Topic: Gothic Fiction

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353

2026 Spring (4 Credits)

Instructor Permission Required

EXPOS 20 (207)

Expository Writing 20

TR 1200 PM - 0115 PM

Tad Davies

Topic: The Art & Science of Learning

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353

2025 Fall (4 Credits)

Instructor Permission Required

EXPOS 20 (207)

Expository Writing 20

MW 1200 PM - 0115 PM

Collier Brown

Topic: Magical Realism

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353

2026 Spring (4 Credits)

Instructor Permission Required

EXPOS 20 (208)

Course ID: 116353

Expository Writing 20

2025 Fall (4 Credits)

TR 0130 PM - 0245 PM

Instructor Permission Required

Samuel Garcia

Topic: Thinking with Conspiracies

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (208)

Course ID: 116353

Expository Writing 20

2026 Spring (4 Credits)

TR 1200 PM - 0115 PM

Instructor Permission Required

Tad Davies

Topic: The Art & Science of Learning

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (209)

Course ID: 116353

Expository Writing 20

2025 Fall (4 Credits)

TR 0430 PM - 0545 PM

Instructor Permission Required

Samuel Garcia

Topic: Thinking with Conspiracies

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (209)

Course ID: 116353

Expository Writing 20

2026 Spring (4 Credits)

TR 0130 PM - 0245 PM

Instructor Permission Required

Samuel Garcia

Topic: Thinking with Conspiracies

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

EXPOS 20 (210)

Course ID: 116353

Expository Writing 20

2025 Fall (4 Credits)

MW 1200 PM - 0115 PM

Instructor Permission Required

Joseph Gauvreau

Topic: Originality and Inspiration

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (210)

Course ID: 116353

Expository Writing 20

2026 Spring (4 Credits)

TR 0430 PM - 0545 PM

Instructor Permission Required

Samuel Garcia

Topic: Thinking with Conspiracies

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (211)

Course ID: 116353

Expository Writing 20

2025 Fall (4 Credits)

MW 0300 PM - 0415 PM

Instructor Permission Required

Joseph Gauvreau

Topic: Originality and Inspiration

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (211)

Course ID: 116353

Expository Writing 20

2026 Spring (4 Credits)

MW 1200 PM - 0115 PM

Instructor Permission Required

Joseph Gauvreau

Topic: Originality and Inspiration

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (212)

Expository Writing 20

MW 1030 AM - 1145 AM

Course ID: 116353
2025 Fall (4 Credits)

Instructor Permission Required

J. Gregory Given

Topic: Does That Belong in a Museum?

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (212)

Expository Writing 20

MW 0300 PM - 0415 PM

Course ID: 116353
2026 Spring (4 Credits)

Instructor Permission Required

Joseph Gauvreau

Topic: Originality and Inspiration

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (213)

Expository Writing 20

MW 1200 PM - 0115 PM

Course ID: 116353
2025 Fall (4 Credits)

Instructor Permission Required

J. Gregory Given

Topic: Does That Belong in a Museum?

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (213)

Expository Writing 20

TR 1030 AM - 1145 AM

Course ID: 116353
2026 Spring (4 Credits)

Instructor Permission Required

J. Gregory Given

Topic: Does That Belong in a Museum?

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All

sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (214)

Expository Writing 20

MW 1200 PM - 0115 PM

Ethan Goldberg

Topic: Breaking the Norm

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353

2025 Fall (4 Credits)

Instructor Permission Required

EXPOS 20 (214)

Expository Writing 20

TR 1200 PM - 0115 PM

J. Gregory Given

Topic: Does That Belong in a Museum?

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353

2026 Spring (4 Credits)

Instructor Permission Required

EXPOS 20 (215)

Expository Writing 20

MW 0300 PM - 0415 PM

Ethan Goldberg

Topic: Breaking the Norm

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353

2025 Fall (4 Credits)

Instructor Permission Required

EXPOS 20 (215)

Expository Writing 20

MW 1200 PM - 0115 PM

Ethan Goldberg

Course ID: 116353

2026 Spring (4 Credits)

Instructor Permission Required

Topic: Breaking the Norm

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (216)

Expository Writing 20

TR 1200 PM - 0115 PM

James Herron

Course ID: 116353

2025 Fall (4 Credits)

Instructor Permission Required

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (216)

Expository Writing 20

MW 0300 PM - 0415 PM

Ethan Goldberg

Topic: Breaking the Norm

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (217)

Expository Writing 20

MW 0900 AM - 1015 AM

Katherine Kennedy

Topic: Fairness, Value, and Negotiation

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (217)

Expository Writing 20

Course ID: 116353

2026 Spring (4 Credits)

MW 1200 PM - 0115 PM

Instructor Permission Required

James Herron

Topic: The Ruling Class

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (218)

Course ID: 116353

Expository Writing 20

2025 Fall (4 Credits)

MW 1030 AM - 1145 AM

Instructor Permission Required

Katherine Kennedy

Topic: Fairness, Value, and Negotiation

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (218)

Course ID: 116353

Expository Writing 20

2026 Spring (4 Credits)

MW 0900 AM - 1015 AM

Instructor Permission Required

Katherine Kennedy

Topic: What Does It Mean To Win?

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (219)

Course ID: 116353

Expository Writing 20

2025 Fall (4 Credits)

TR 0130 PM - 0245 PM

Instructor Permission Required

Isabel Lane

Topic: I Love That Dirty Water

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (219)

Course ID: 116353
2026 Spring (4 Credits)

Expository Writing 20

MW 1030 AM - 1145 AM

Instructor Permission Required

Katherine Kennedy

Topic: What Does It Mean To Win?

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (220)

Course ID: 116353
2025 Fall (4 Credits)

Expository Writing 20

TR 0300 PM - 0415 PM

Instructor Permission Required

Isabel Lane

Topic: I Love That Dirty Water

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (220)

Course ID: 116353
2026 Spring (4 Credits)

Expository Writing 20

TR 0130 PM - 0245 PM

Instructor Permission Required

Isabel Lane

Topic: I Love That Dirty Water

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (221)

Course ID: 116353
2025 Fall (4 Credits)

Expository Writing 20

TR 0130 PM - 0245 PM

Instructor Permission Required

Taleen Mardirossian

Topic: Tongue-Tied

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

EXPOS 20 (221)

Expository Writing 20

TR 0300 PM - 0415 PM

Isabel Lane

Topic: I Love That Dirty Water

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353
2026 Spring (4 Credits)

Instructor Permission Required

EXPOS 20 (222)

Expository Writing 20

TR 0300 PM - 0415 PM

Taleen Mardirossian

Topic: Tongue-Tied

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353
2025 Fall (4 Credits)

Instructor Permission Required

EXPOS 20 (222)

Expository Writing 20

TR 0130 PM - 0245 PM

Taleen Mardirossian

Topic: Tongue-Tied

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353
2026 Spring (4 Credits)

Instructor Permission Required

EXPOS 20 (223)

Expository Writing 20

TR 0130 PM - 0245 PM

Ross Martin

Topic: Personhood in U.S. Constitution

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course ID: 116353
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (223)

Expository Writing 20

TR 0300 PM - 0415 PM

Taleen Mardirossian

Topic: Tongue-Tied

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353
2026 Spring (4 Credits)

Instructor Permission Required

EXPOS 20 (224)

Expository Writing 20

TR 0300 PM - 0415 PM

Ross Martin

Topic: Personhood in U.S. Constitution

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353
2025 Fall (4 Credits)

Instructor Permission Required

EXPOS 20 (224)

Expository Writing 20

TR 0130 PM - 0245 PM

Ross Martin

Topic: Personhood in U.S. Constitution

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353
2026 Spring (4 Credits)

Instructor Permission Required

EXPOS 20 (225)

Expository Writing 20

TR 1030 AM - 1145 AM

Keating McKeon

Topic: More Than a Game

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All

Course ID: 116353
2025 Fall (4 Credits)

Instructor Permission Required

sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (225)

Expository Writing 20

TR 0300 PM - 0415 PM

Ross Martin

Topic: Personhood in U.S. Constitution

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353
2026 Spring (4 Credits)

Instructor Permission Required

EXPOS 20 (226)

Expository Writing 20

TR 1200 PM - 0115 PM

Keating McKeon

Topic: More Than a Game

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353
2025 Fall (4 Credits)

Instructor Permission Required

EXPOS 20 (226)

Expository Writing 20

TR 1030 AM - 1145 AM

Keating McKeon

Topic: More Than a Game

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353
2026 Spring (4 Credits)

Instructor Permission Required

EXPOS 20 (227)

Expository Writing 20

TR 0130 PM - 0245 PM

Ryan Napier

Course ID: 116353
2025 Fall (4 Credits)

Instructor Permission Required

Topic: Romantic Comedy

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (227)

Expository Writing 20

TR 1200 PM - 0115 PM

Keating McKeon

Topic: More Than a Game

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353

2026 Spring (4 Credits)

Instructor Permission Required

EXPOS 20 (228)

Expository Writing 20

TR 0300 PM - 0415 PM

Ryan Napier

Topic: Romantic Comedy

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353

2025 Fall (4 Credits)

Instructor Permission Required

EXPOS 20 (228)

Expository Writing 20

TR 1030 AM - 1145 AM

S.F. Monaghan

Topic: "Noncombatants": The Home Front

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353

2026 Spring (4 Credits)

Instructor Permission Required

EXPOS 20 (229)

Course ID: 116353

Expository Writing 20

2025 Fall (4 Credits)

MW 0130 PM - 0245 PM

Instructor Permission Required

Brian Pietras

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (229)

Course ID: 116353

Expository Writing 20

2026 Spring (4 Credits)

TR 1200 PM - 0115 PM

Instructor Permission Required

S.F. Monaghan

Topic: "Noncombatants": The Home Front

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (230)

Course ID: 116353

Expository Writing 20

2025 Fall (4 Credits)

MW 0430 PM - 0545 PM

Instructor Permission Required

Brian Pietras

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (230)

Course ID: 116353

Expository Writing 20

2026 Spring (4 Credits)

MW 0130 PM - 0245 PM

Instructor Permission Required

Brian Pietras

Topic: Queer Coming of Age Stories

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (231)

Expository Writing 20

MW 1200 PM - 0115 PM

Emilie Raymer

Topic: Dark Matter, Grey Matter

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353

2025 Fall (4 Credits)

Instructor Permission Required

EXPOS 20 (231)

Expository Writing 20

MW 0430 PM - 0545 PM

Brian Pietras

Topic: Queer Coming of Age Stories

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353

2026 Spring (4 Credits)

Instructor Permission Required

EXPOS 20 (232)

Expository Writing 20

MW 0130 PM - 0245 PM

Emilie Raymer

Topic: Dark Matter, Grey Matter

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353

2025 Fall (4 Credits)

Instructor Permission Required

EXPOS 20 (232)

Expository Writing 20

TR 1200 PM - 0115 PM

Kelsey Quigley

Topic: Gender & Mental Health

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

Course ID: 116353

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

EXPOS 20 (233)

Course ID: 116353
2025 Fall (4 Credits)

Expository Writing 20

MW 1200 PM - 0115 PM

Instructor Permission Required

Jane Rosenzweig

Topic: To What Problem Is ChatGPT the

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (233)

Course ID: 116353
2026 Spring (4 Credits)

Expository Writing 20

TR 0130 PM - 0245 PM

Instructor Permission Required

Kelsey Quigley

Topic: Gender & Mental Health

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (234)

Course ID: 116353
2025 Fall (4 Credits)

Expository Writing 20

MW 0300 PM - 0415 PM

Instructor Permission Required

Ian Shank

Topic: The Art of the Con

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (234)

Course ID: 116353
2026 Spring (4 Credits)

Expository Writing 20

MW 1200 PM - 0115 PM

Instructor Permission Required

Emilie Raymer

Topic: Visualizing and Communicating

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively

essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (235)

Expository Writing 20

MW 0430 PM - 0545 PM

Ian Shank

Topic: The Art of the Con

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353

2025 Fall (4 Credits)

Instructor Permission Required

EXPOS 20 (235)

Expository Writing 20

MW 0130 PM - 0245 PM

Emilie Raymer

Topic: Visualizing and Communicating

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353

2026 Spring (4 Credits)

Instructor Permission Required

EXPOS 20 (236)

Expository Writing 20

MW 1030 AM - 1145 AM

Gillian Sinnott

Topic: Free Speech in the Digital Age

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353

2025 Fall (4 Credits)

Instructor Permission Required

EXPOS 20 (236)

Expository Writing 20

MW 1200 PM - 0115 PM

Jane Rosenzweig

Topic: To What Problem Is ChatGPT the

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through

Course ID: 116353

2026 Spring (4 Credits)

Instructor Permission Required

the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (237)

Course ID: 116353

Expository Writing 20

2025 Fall (4 Credits)

MW 0900 AM - 1015 AM

Instructor Permission Required

Stephen Spencer

Topic: The "Science" of Science Ficti

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (237)

Course ID: 116353

Expository Writing 20

2026 Spring (4 Credits)

MW 0300 PM - 0415 PM

Instructor Permission Required

Ian Shank

Topic: The Art of the Con

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (238)

Course ID: 116353

Expository Writing 20

2025 Fall (4 Credits)

MW 1030 AM - 1145 AM

Instructor Permission Required

Stephen Spencer

Topic: The "Science" of Science Ficti

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (238)

Course ID: 116353

Expository Writing 20

2026 Spring (4 Credits)

MW 0430 PM - 0545 PM

Instructor Permission Required

Ian Shank

Topic: The Art of the Con

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (239)

Course ID: 116353
2025 Fall (4 Credits)

Expository Writing 20

MW 1030 AM - 1145 AM

Instructor Permission Required

Tracy Strauss

Topic: Persona in Literature and Film

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (239)

Course ID: 116353
2026 Spring (4 Credits)

Expository Writing 20

MW 1030 AM - 1145 AM

Instructor Permission Required

Gillian Sinnott

Topic: Free Speech in the Digital Age

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (240)

Course ID: 116353
2025 Fall (4 Credits)

Expository Writing 20

MW 1200 PM - 0115 PM

Instructor Permission Required

Tracy Strauss

Topic: Persona in Literature and Film

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (240)

Course ID: 116353
2026 Spring (4 Credits)

Expository Writing 20

MW 0900 AM - 1015 AM

Instructor Permission Required

Stephen Spencer

Topic: Sci-Fi Others

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (241)

Course ID: 116353
2025 Fall (4 Credits)

Expository Writing 20

MW 1200 PM - 0115 PM

Instructor Permission Required

Brian Sweeney

Topic: Sentimental Fictions

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (241)

Course ID: 116353
2026 Spring (4 Credits)

Expository Writing 20

MW 1030 AM - 1145 AM

Instructor Permission Required

Stephen Spencer

Topic: Sci-Fi Others

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (242)

Course ID: 116353
2025 Fall (4 Credits)

Expository Writing 20

MW 0130 PM - 0245 PM

Instructor Permission Required

Brian Sweeney

Topic: Sentimental Fictions

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

EXPOS 20 (242)

Expository Writing 20

MW 1200 PM - 0115 PM

Course ID: 116353
2026 Spring (4 Credits)

Instructor Permission Required

Tracy Strauss

Topic: Persona in Literature and Film

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (243)

Expository Writing 20

TR 1030 AM - 1145 AM

Course ID: 116353
2025 Fall (4 Credits)

Instructor Permission Required

Elliott Turley

Topic: Laughing Matters

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (243)

Expository Writing 20

MW 0130 PM - 0245 PM

Course ID: 116353
2026 Spring (4 Credits)

Instructor Permission Required

Tracy Strauss

Topic: Persona in Literature and Film

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (244)

Expository Writing 20

TR 1200 PM - 0115 PM

Course ID: 116353
2025 Fall (4 Credits)

Instructor Permission Required

Elliott Turley

Topic: Laughing Matters

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (244)

Expository Writing 20

MW 1200 PM - 0115 PM

Brian Sweeney

Topic: Sentimental Fictions

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353
2026 Spring (4 Credits)

Instructor Permission Required

EXPOS 20 (245)

Expository Writing 20

TR 1200 PM - 0115 PM

Rob Willison

Topic: Problems of Meaning in Language

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353
2025 Fall (4 Credits)

Instructor Permission Required

EXPOS 20 (245)

Expository Writing 20

MW 0130 PM - 0245 PM

Brian Sweeney

Topic: Sentimental Fictions

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353
2026 Spring (4 Credits)

Instructor Permission Required

EXPOS 20 (246)

Expository Writing 20

TR 0130 PM - 0245 PM

Rob Willison

Topic: Problems of Meaning in Language

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All

Course ID: 116353
2025 Fall (4 Credits)

Instructor Permission Required

sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (246)

Expository Writing 20

TR 1030 AM - 1145 AM

Elliott Turley

Topic: Laughing Matters

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353
2026 Spring (4 Credits)

Instructor Permission Required

EXPOS 20 (247)

Expository Writing 20

TR 1030 AM - 1145 AM

Mande Zecca

Topic: Make/Do: Why Craft Matters

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353
2025 Fall (4 Credits)

Instructor Permission Required

EXPOS 20 (247)

Expository Writing 20

TR 1200 PM - 0115 PM

Elliott Turley

Topic: Laughing Matters

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353
2026 Spring (4 Credits)

Instructor Permission Required

EXPOS 20 (248)

Expository Writing 20

TR 1200 PM - 0115 PM

Mande Zecca

Course ID: 116353
2025 Fall (4 Credits)

Instructor Permission Required

Topic: Make/Do: Why Craft Matters

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (248)

Expository Writing 20

TR 1200 PM - 0115 PM

Rob Willison

Topic: Problems of Meaning in Language

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353

2026 Spring (4 Credits)

Instructor Permission Required

EXPOS 20 (249)

Expository Writing 20

TR 0130 PM - 0245 PM

Rob Willison

Topic: Problems of Meaning in Language

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353

2026 Spring (4 Credits)

Instructor Permission Required

EXPOS 20 (250)

Expository Writing 20

MW 0300 PM - 0415 PM

Patricia Bellanca

Topic: Gothic Fiction

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353

2025 Fall (4 Credits)

Instructor Permission Required

EXPOS 20 (250)

Course ID: 116353
2026 Spring (4 Credits)

Expository Writing 20

TR 1030 AM - 1145 AM

Instructor Permission Required

Mande Zecca

Topic: Make/Do: Why Craft Matters

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (251)

Course ID: 116353
2025 Fall (4 Credits)

Expository Writing 20

TR 1030 AM - 1145 AM

Instructor Permission Required

Cody Musselman

Topic: Cults

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (251)

Course ID: 116353
2026 Spring (4 Credits)

Expository Writing 20

TR 1200 PM - 0115 PM

Instructor Permission Required

Mande Zecca

Topic: Make/Do: Why Craft Matters

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (252)

Course ID: 116353
2025 Fall (4 Credits)

Expository Writing 20

TR 1200 PM - 0115 PM

Instructor Permission Required

Cody Musselman

Topic: Cults

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

EXPOS 20 (252)

Expository Writing 20

No meeting time listed

Course ID: 116353
2026 Spring (4 Credits)

Instructor Permission Required

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (253)

Expository Writing 20

No meeting time listed

Course ID: 116353
2026 Spring (4 Credits)

Instructor Permission Required

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (254)

Expository Writing 20

No meeting time listed

Course ID: 116353
2026 Spring (4 Credits)

Instructor Permission Required

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (ES01)

Expository Writing 20

TR 1030 AM - 1145 AM

Margaret Deli

Topic: Expos Studio 20: The Successfu

Course ID: 116353
2026 Spring (4 Credits)

Instructor Permission Required

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

EXPOS 20 (ES02)

Expository Writing 20

TR 1200 PM - 0115 PM

Margaret Deli

Topic: Expos Studio 20: The Successfu

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

Course ID: 116353
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

EXPOS 20 (ES03)

Expository Writing 20

TR 1200 PM - 0115 PM

Amy Hanes

Topic: Expos Studio 20: The Successfu

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

Course ID: 116353
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

EXPOS 20 (ES04)

Expository Writing 20

TR 0300 PM - 0415 PM

Amy Hanes

Topic: Expos Studio 20: The Successfu

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

Course ID: 116353
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

EXPOS 20 (ES05)

Expository Writing 20

TR 1030 AM - 1145 AM

Karen Heath

Topic: Expos Studio 20: The Successfu

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course ID: 116353
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (ES06)

Course ID: 116353

Expository Writing 20

2026 Spring (4 Credits)

MW 1030 AM - 1145 AM

Instructor Permission Required

Jodi Johnson

Topic: Expos Studio 20: The Successfu

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (ES07)

Course ID: 116353

Expository Writing 20

2026 Spring (4 Credits)

MW 1200 PM - 0115 PM

Instructor Permission Required

Jodi Johnson

Topic: Expos Studio 20: The Successfu

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (ES08)

Course ID: 116353

Expository Writing 20

2026 Spring (4 Credits)

TR 1030 AM - 1145 AM

Instructor Permission Required

Jonah Johnson

Topic: Expos Studio 20: The Successfu

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (ES09)

Course ID: 116353

Expository Writing 20

2026 Spring (4 Credits)

TR 1030 AM - 1145 AM

Instructor Permission Required

Hannah Kauders

Topic: Expos Studio 20: The Successfu

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All

sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (ES10)

Course ID: 116353

Expository Writing 20

2026 Spring (4 Credits)

TR 0130 PM - 0245 PM

Instructor Permission Required

Hannah Kauders

Topic: Expos Studio 20: The Successfu

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (ES11)

Course ID: 116353

Expository Writing 20

2026 Spring (4 Credits)

TR 1030 AM - 1145 AM

Instructor Permission Required

Cody Musselman

Topic: Expos Studio 20: The Successfu

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (ES12)

Course ID: 116353

Expository Writing 20

2026 Spring (4 Credits)

TR 1200 PM - 0115 PM

Instructor Permission Required

Cody Musselman

Topic: Expos Studio 20: The Successfu

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (ES13)

Course ID: 116353

Expository Writing 20

2026 Spring (4 Credits)

MW 1200 PM - 0115 PM

Instructor Permission Required

Ben Parson

Topic: Expos Studio 20: The Successfu

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (ES14)

Expository Writing 20

MW 0130 PM - 0245 PM

Ben Parson

Topic: Expos Studio 20: The Successfu

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (ES15)

Expository Writing 20

TR 0900 AM - 1015 AM

Mg Prezioso

Topic: Expos Studio 20: The Successfu

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (ES16)

Expository Writing 20

TR 1030 AM - 1145 AM

Mg Prezioso

Topic: Expos Studio 20: The Successfu

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

Course ID: 116353

2026 Spring (4 Credits)

Instructor Permission Required

Course ID: 116353

2026 Spring (4 Credits)

Instructor Permission Required

Course ID: 116353

2026 Spring (4 Credits)

Instructor Permission Required

EXPOS 20 (ES17)

Course ID: 116353

Expository Writing 20

2026 Spring (4 Credits)

TR 1030 AM - 1145 AM

Instructor Permission Required

John Sampson

Topic: Expos Studio 20: The Successfu

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (ES18)

Course ID: 116353

Expository Writing 20

2026 Spring (4 Credits)

TR 1200 PM - 0115 PM

Instructor Permission Required

John Sampson

Topic: Expos Studio 20: The Successfu

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (ES19)

Course ID: 116353

Expository Writing 20

2026 Spring (4 Credits)

MW 1200 PM - 0115 PM

Instructor Permission Required

Peter Vilbig

Topic: Expos Studio 20: The Successfu

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

FAS Divisional Distribution: None

EXPOS 20 (ES20)

Course ID: 116353

Expository Writing 20

2026 Spring (4 Credits)

MW 0130 PM - 0245 PM

Instructor Permission Required

Peter Vilbig

Topic: Expos Studio 20: The Successfu

An intensive seminar that aims to improve each student's ability to discover and reason about evidence through the medium of essays. Each section focuses on a particular theme or topic, described on the Expos Website. All sections give students practice in formulating questions, analyzing both primary and secondary sources and properly acknowledging them, supporting arguments with strong and detailed evidence, and shaping clear, lively essays. All sections emphasize revision.

Course Note: Students must pass one term of Expository Writing 20 to meet the College's Expository Writing requirement.

EXPOS 40

Public Speaking Practicum

TR 1245 PM - 0245 PM

Erika Bailey

Course ID: 125227

2025 Fall (4 Credits)

Instructor Permission Required

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, engaging in civil discourse, and building confidence in oral expression. Admission is by lottery only. See any of the Canvas sites for detailed instructions about the lottery process, which will take place during the assigned registration periods. Limited to 15 students per section.

FAS Divisional Distribution: None

EXPOS 40

Public Speaking Practicum

TR 1200 PM - 0200 PM

Kate Clarke

Course ID: 125227

2026 Spring (4 Credits)

Instructor Permission Required

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, engaging in civil discourse, and building confidence in oral expression. Admission is by lottery only. See any of the Canvas sites for detailed instructions about the lottery process, which will take place during the assigned registration periods. Limited to 15 students per section.

FAS Divisional Distribution: None

EXPOS 40 (002)

Public Speaking Practicum

TR 1200 PM - 0200 PM

Kate Clarke

Course ID: 125227

2025 Fall (4 Credits)

Instructor Permission Required

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, engaging in civil discourse, and building confidence in oral expression. Admission is by lottery only. See any of the Canvas sites for detailed instructions about the lottery process, which will take place during the assigned registration periods. Limited to 15 students per section.

FAS Divisional Distribution: None

EXPOS 40 (002)

Public Speaking Practicum

TR 1245 PM - 0245 PM

Erika Bailey

Course ID: 125227

2026 Spring (4 Credits)

Instructor Permission Required

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, engaging in civil discourse, and building confidence in oral expression. Admission is by lottery only. See any of the Canvas sites for detailed instructions about the lottery process, which will take place during the assigned registration periods. Limited to 15 students per section.

FAS Divisional Distribution: None

EXPOS 40 (003)

Public Speaking Practicum

MW 1200 PM - 0200 PM

Nicholas Coburn-Palo

Course ID: 125227
2025 Fall (4 Credits)

Instructor Permission Required

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, engaging in civil discourse, and building confidence in oral expression. Admission is by lottery only. See any of the Canvas sites for detailed instructions about the lottery process, which will take place during the assigned registration periods. Limited to 15 students per section.

FAS Divisional Distribution: None

EXPOS 40 (003)

Public Speaking Practicum

MW 1200 PM - 0200 PM

Nicholas Coburn-Palo

Course ID: 125227
2026 Spring (4 Credits)

Instructor Permission Required

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, engaging in civil discourse, and building confidence in oral expression. Admission is by lottery only. See any of the Canvas sites for detailed instructions about the lottery process, which will take place during the assigned registration periods. Limited to 15 students per section.

FAS Divisional Distribution: None

EXPOS 40 (004)

Public Speaking Practicum

MW 0300 PM - 0500 PM

Nicholas Coburn-Palo

Course ID: 125227
2025 Fall (4 Credits)

Instructor Permission Required

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, engaging in civil discourse, and building confidence in oral expression. Admission is by lottery only. See any of the Canvas sites for detailed instructions about the lottery process, which will take place during the assigned registration periods. Limited to 15 students per section.

FAS Divisional Distribution: None

EXPOS 40 (004)

Public Speaking Practicum

MW 0300 PM - 0500 PM

Nicholas Coburn-Palo

Course ID: 125227
2026 Spring (4 Credits)

Instructor Permission Required

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, engaging in civil discourse, and building confidence in oral expression. Admission is by lottery only. See any of the Canvas sites for detailed instructions about the lottery process, which will take place during the assigned registration periods. Limited to 15 students per section.

FAS Divisional Distribution: None

EXPOS 40 (005)

Public Speaking Practicum

TR 0900 AM - 1100 AM

Terry Gipson

Course ID: 125227

2025 Fall (4 Credits)

Instructor Permission Required

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, engaging in civil discourse, and building confidence in oral expression. Admission is by lottery only. See any of the Canvas sites for detailed instructions about the lottery process, which will take place during the assigned registration periods. Limited to 15 students per section.

FAS Divisional Distribution: None

EXPOS 40 (005)

Public Speaking Practicum

TR 0900 AM - 1100 AM

Terry Gipson

Course ID: 125227

2026 Spring (4 Credits)

Instructor Permission Required

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, engaging in civil discourse, and building confidence in oral expression. Admission is by lottery only. See any of the Canvas sites for detailed instructions about the lottery process, which will take place during the assigned registration periods. Limited to 15 students per section.

FAS Divisional Distribution: None

EXPOS 40 (006)

Public Speaking Practicum

TR 1200 PM - 0200 PM

Terry Gipson

Course ID: 125227

2025 Fall (4 Credits)

Instructor Permission Required

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, engaging in civil discourse, and building confidence in oral expression. Admission is by lottery only. See any of the Canvas sites for detailed instructions about the lottery process, which will take place during the assigned registration periods. Limited to 15 students per section.

FAS Divisional Distribution: None

EXPOS 40 (006)

Public Speaking Practicum

TR 1200 PM - 0200 PM

Terry Gipson

Course ID: 125227

2026 Spring (4 Credits)

Instructor Permission Required

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, engaging in civil discourse, and building confidence in oral expression. Admission is by lottery only. See any of the Canvas sites for detailed instructions about the lottery process, which will take place during the assigned registration periods. Limited to 15 students per section.

FAS Divisional Distribution: None

EXPOS 40 (007)

Public Speaking Practicum

Course ID: 125227

2025 Fall (4 Credits)

MW 0900 AM - 1100 AM

Instructor Permission Required

James Montaña

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, engaging in civil discourse, and building confidence in oral expression. Admission is by lottery only. See any of the Canvas sites for detailed instructions about the lottery process, which will take place during the assigned registration periods. Limited to 15 students per section.

FAS Divisional Distribution: None

EXPOS 40 (007)

Course ID: 125227

Public Speaking Practicum

2026 Spring (4 Credits)

MW 0900 AM - 1100 AM

Instructor Permission Required

James Montaña

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, engaging in civil discourse, and building confidence in oral expression. Admission is by lottery only. See any of the Canvas sites for detailed instructions about the lottery process, which will take place during the assigned registration periods. Limited to 15 students per section.

FAS Divisional Distribution: None

EXPOS 40 (008)

Course ID: 125227

Public Speaking Practicum

2025 Fall (4 Credits)

MW 1200 PM - 0200 PM

Instructor Permission Required

James Montaña

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, engaging in civil discourse, and building confidence in oral expression. Admission is by lottery only. See any of the Canvas sites for detailed instructions about the lottery process, which will take place during the assigned registration periods. Limited to 15 students per section.

FAS Divisional Distribution: None

EXPOS 40 (008)

Course ID: 125227

Public Speaking Practicum

2026 Spring (4 Credits)

MW 1200 PM - 0200 PM

Instructor Permission Required

James Montaña

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, engaging in civil discourse, and building confidence in oral expression. Admission is by lottery only. See any of the Canvas sites for detailed instructions about the lottery process, which will take place during the assigned registration periods. Limited to 15 students per section.

FAS Divisional Distribution: None

EXPOS 40 (009)

Course ID: 125227

Public Speaking Practicum

2025 Fall (4 Credits)

TR 0900 AM - 1100 AM

Instructor Permission Required

Lee Nishri

Expos 40 is an elective within the Writing Program, and focuses on developing and strengthening the skills necessary for successful public speaking. Students learn strategies for impromptu speaking, preparing and delivering presentations, formulating and organizing persuasive arguments, cultivating critical thinking, engaging with an audience, using the voice and body, engaging in civil discourse, and building confidence in oral expression. Admission is by lottery only. See any of the Canvas sites for detailed instructions about the lottery process, which will take place during the assigned registration periods. Limited to 15 students per section.

FAS Divisional Distribution: None

Faculty of Arts and Sciences

Environment, Climate, and Sust

ECS 10 (01)

Environment, Climate and Sustainability: Bridging Disciplines, Finding

Course ID: 226630
2025 Fall (4 Credits)

Answers

TR 1030 AM - 1145 AM

Instructor Permission Required

Jason Beckfield, Lene Hau

This course will introduce students to "wicked problems" in environment, climate and sustainability through case studies and engage students in finding solutions using interdisciplinary methods. The course will provide students with necessary tools and foundational skills to continue in a climate-focused concentration and Harvard.

Course Note: Primarily for first and second year students.

Education

EDU 300
Doctoral Research

Course ID: 210880
2025 Fall (4 Credits)

For School of Education doctoral students engaged in research.

FAS Divisional Distribution: None

EDU 300
Doctoral Research

Course ID: 210880
2026 Spring (4 Credits)

For School of Education doctoral students engaged in research.

FAS Divisional Distribution: None

EDU 301
Doctoral Teaching

Course ID: 210881
2025 Fall (4 Credits)

EDU 301
Doctoral Teaching

Course ID: 210881
2026 Spring (4 Credits)

EDU 302
Doctoral Independent Study

Course ID: 210882
2025 Fall (4 Credits)

For School of Education doctoral students engaging in independent study.

FAS Divisional Distribution: None

EDU 302
Doctoral Independent Study

Course ID: 210882
2026 Spring (4 Credits)

For School of Education doctoral students engaging in independent study.

FAS Divisional Distribution: None

Experiential Study

EXPSTDY 1R

Course ID: 224587
2025 Fall (1 Credits)

Experiential Study

No meeting time listed

Instructor Permission Required

Sarah Iams, Margo Levine

Topic: Applied Mathematics

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

EXPSTDY 1R

Course ID: 224587
2026 Spring (1 Credits)

Experiential Study

Instructor Permission Required

Topic: Applied Mathematics

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

Experiential Study*No meeting time listed**Instructor Permission Required*

Gregory C. Tucci

Topic: Chemistry

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

Experiential Study*Instructor Permission Required*

Topic: Chemistry

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FAS Divisional Distribution: None

Experiential Study*No meeting time listed**Instructor Permission Required*

Eddie Kohler, Adam Hesterberg

Topic: Computer Science

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

EXPSTDY 1R (003)

Experiential Study

Course ID: 224587
2026 Spring (1 Credits)

Instructor Permission Required

Topic: Computer Science

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

EXPSTDY 1R (004)

Experiential Study

Course ID: 224587
2025 Fall (1 Credits)

No meeting time listed

Instructor Permission Required

Jeffrey A. Miron

Topic: Economics

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the

concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

EXPSTDY 1R (004)
Experiential Study

Course ID: 224587
2026 Spring (1 Credits)

Instructor Permission Required

Topic: Economics

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

EXPSTDY 1R (005)
Experiential Study

Course ID: 224587
2025 Fall (1 Credits)

No meeting time listed

Instructor Permission Required

Gabriel Katsh

Topic: Government

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A

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FAS Divisional Distribution: None

EXPSTDY 1R (005)

Experiential Study

Course ID: 224587
2026 Spring (1 Credits)

Instructor Permission Required

Topic: Government

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

EXPSTDY 1R (006)

Experiential Study

Course ID: 224587
2025 Fall (1 Credits)

No meeting time listed

Instructor Permission Required

John Cain

Topic: Mathematics

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that

concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

EXPSTDY 1R (006)

Experiential Study

Course ID: 224587
2026 Spring (1 Credits)

Instructor Permission Required

Topic: Mathematics

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

EXPSTDY 1R (007)

Experiential Study

Course ID: 224587
2025 Fall (1 Credits)

No meeting time listed

Instructor Permission Required

Andrew Berry

Topic: Organismic & Evolutionary Biol

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

Topic: Organismic & Evolutionary Biol

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FAS Divisional Distribution: None

No meeting time listed

Anna Kales

Topic: Physics

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

Topic: Physics

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FAS Divisional Distribution: None

EXPSTDY 1R (009)

Experiential Study

No meeting time listed

Chris Rominger, Charles Clavey, Rosemarie Wagner

Topic: Social Studies

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

EXPSTDY 1R (009)

Experiential Study

Topic: Social Studies

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at

Course ID: 224587

2025 Fall (1 Credits)

Instructor Permission Required

Course ID: 224587

2026 Spring (1 Credits)

Instructor Permission Required

least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

EXPSTDY 1R (010)

Course ID: 224587

Experiential Study

2025 Fall (1 Credits)

No meeting time listed

Instructor Permission Required

Emily Fairchild

Topic: Sociology

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

EXPSTDY 1R (010)

Course ID: 224587

Experiential Study

2026 Spring (1 Credits)

Instructor Permission Required

Topic: Sociology

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for

concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

EXPSTDY 1R (011)

Course ID: 224587

Experiential Study

2025 Fall (1 Credits)

No meeting time listed

Instructor Permission Required

Kelly McConville, Kevin A. Rader, Joseph Blitzstein

Topic: Statistics

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

EXPSTDY 1R (011)

Course ID: 224587

Experiential Study

2026 Spring (1 Credits)

Instructor Permission Required

Topic: Statistics

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their

concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

EXPSTDY 1R (012)

Course ID: 224587

Experiential Study

2025 Fall (1 Credits)

No meeting time listed

Instructor Permission Required

Amie Holmes

Topic: Stem Cell & Regenerative Biol

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

EXPSTDY 1R (012)

Course ID: 224587

Experiential Study

2026 Spring (1 Credits)

Instructor Permission Required

Topic: Stem Cell & Regenerative Biol

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

EXPSTDY 1R (013)**Experiential Study***No meeting time listed**Laura Quinton*

Topic: Theater, Dance & Media

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

Course ID: 224587

2025 Fall (1 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

EXPSTDY 1R (013)**Experiential Study**

Topic: Theater, Dance & Media

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

Course ID: 224587

2026 Spring (1 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

Experiential Study*No meeting time listed**Instructor Permission Required**Jill Hooley, Katherine Powers*

Topic: Psychology

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

Experiential Study*Instructor Permission Required*

Topic: Psychology

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

Experiential Study*No meeting time listed**Instructor Permission Required**Ryan W. Draft, Laura Magnotti*

Topic: Neuroscience

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

EXPSTDY 1R (015)

Experiential Study

Course ID: 224587
2026 Spring (1 Credits)

Instructor Permission Required

Topic: Neuroscience

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

EXPSTDY 1R (016)

Experiential Study

Course ID: 224587
2025 Fall (1 Credits)

No meeting time listed

Instructor Permission Required

Andrew Yegian

Topic: Human Evolutionary Biology

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the

concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

EXPSTDY 1R (016)
Experiential Study

Course ID: 224587
2026 Spring (1 Credits)

Instructor Permission Required

Topic: Human Evolutionary Biology

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

EXPSTDY 1R (017)
Experiential Study

Course ID: 224587
2025 Fall (1 Credits)

No meeting time listed

Instructor Permission Required

Linsey Moyer, Chris Lombardo, Bryan Yoon, Seymour Hasanov, Seymour Hasanov

Topic: Engineering Sciences

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A

description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

EXPSTDY 1R (017)

Experiential Study

Course ID: 224587
2026 Spring (1 Credits)

Instructor Permission Required

Topic: Engineering Sciences

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

EXPSTDY 1R (018)

Experiential Study

Course ID: 224587
2025 Fall (1 Credits)

No meeting time listed

Instructor Permission Required

Ruth Lingford

Topic: Art, Film, and Visual Studies

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that

concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

EXPSTDY 1R (018)

Experiential Study

Course ID: 224587
2026 Spring (1 Credits)

Instructor Permission Required

Topic: Art, Film, and Visual Studies

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

EXPSTDY 1R (019)

Experiential Study

Course ID: 224587
2025 Fall (1 Credits)

No meeting time listed

Instructor Permission Required

Noel Holbrook

Topic: Environmental Science Publ Pol

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

Experiential Study

2025 Fall (1 Credits)

*No meeting time listed**Instructor Permission Required**Seth Robertson*

Topic: Philosophy

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

Experiential Study

2025 Fall (1 Credits)

*No meeting time listed**Instructor Permission Required**Dominic Mao, Monique Brewster*

Topic: Chemical and Physical Biology

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

Experiential Study

2025 Fall (1 Credits)

*No meeting time listed**Instructor Permission Required*

Dominic Mao, Monique Brewster

Topic: Molecular and Cellular Biology

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

EXPSTDY 1R (023)

Course ID: 224587

Experiential Study

2025 Fall (1 Credits)

No meeting time listed

Instructor Permission Required

Liam Hynes-Tawa

Topic: Music

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at least two semesters of study at the College prior to enrolling, and they must be concentrating (or planning to do so) or pursuing a secondary field of study in the department. Students must enroll in EXPSTDY during the concurrent semester, or the semester immediately following the work/internship experience. Students cannot enroll in EXPSTDY after completion of their studies required for graduation. Students must complete the petition form available here before enrolling, and submit it to the OUE for approval. Students must then forward the signed documentation to the course head prior to enrolling in the course. This course is not available for concentration credit, nor does it fulfill any divisional distribution requirement. Academic Requirements: before the end of the semester, students should submit a 10-15 page portfolio that must include the following: - A description of the organization, including its mission and core operations. - A detailed description of the student's role or project in the organization's operations, including daily activities and descriptions of any special projects or events with which the student was involved. Students may utilize a journal format for this description; no more than half of the overall portfolio may be journal entries reflecting on the connection between their work and their concentration. - A detailed description of how the work/internship experience was related to the student's concentration, and what impact the work experience will have on the student's academic path through that concentration. - A letter from the employer or lab supervisor verifying completion of the work experience. - A grade of Pass will be assigned after all the above materials have been reviewed. If these requirements are not met, a grade of Fail will be assigned.

FAS Divisional Distribution: None

EXPSTDY 1R (024)

Course ID: 224587

Experiential Study

2025 Fall (1 Credits)

No meeting time listed

Instructor Permission Required

Jennifer L. Roberts

Topic: History of Art and Architecture

This course provides academic credit when required in order to engage with a work or internship experience. Students will be asked to reflect upon their work and its relevance to their field of study via submission of a detailed portfolio. Eligibility: this course is open to any student who will be undertaking an internship, work, or lab-based research experience, for which academic credit is a requirement. Students must have completed at

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FAS Divisional Distribution: None

First Year Seminar Program

First Year Seminar

FYSEMR 21I

Evolution, Buddhism and Ethics

W 1245 PM - 0245 PM

John Wakeley

Course ID: 226239

2026 Spring (4 Credits)

Instructor Permission Required

Evolutionary genetics traces back to Darwin's (1859) idea of natural selection. Darwin provided a compelling theory about how species change due to competition in reproducing populations, yet it remains difficult to understand, particularly when applied to ourselves. To enable critical evaluation and discussion of ethical questions and to illustrate connections between science and Buddhism, about one third of this seminar will cover select details of evolutionary genetics. The focus will be on understanding human genetic variation. Buddhism originated with Siddhartha Gautama's enlightenment around 500 BCE, achieved after six years of intense devotion to the problem of human suffering. He emerged as the Buddha, or the Enlightened One, making the bold statement that suffering within each person results from misunderstanding the nature of one's self and its relationship to the ever-changing world. He outlined a program of analytical introspection, morality, and meditation, aimed at solving this problem. As with evolutionary genetics, critical evaluation and discussion of Buddhist ideas in this seminar will be fostered by learning the details of what the Buddha taught. Points of overlap between evolutionary genetics and Buddhism emerge in the ways they undermine appearances, deconstructing phenomena which at first appear wholly unbreakable. We will bring our knowledge of Buddhism to bear on end-of-life issues, the use of human embryos in research, and the prospects for human genetic engineering.

First-Year Seminars are available only to first-year students. You may apply to both Fall 2025 and Spring 2026 First-Year Seminars via the FYS lottery between July 7 and August 7, 2025 at 11:59PM-midnight. You may apply to as many seminars each term as you would like, but we recommend you apply to at least six in fall and three in spring. As part of your application, you must provide a brief statement on why you are interested in each seminar. You will be notified of lottery results for both fall and spring seminars at 5 pm on Mon, August 11. If you are unsuccessful in the lottery, you may still join any seminar with open seats. A list of open seminars and instructions on next steps will be available on the First-Year Seminar Program website August 11 at 12 Noon.

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FAS Divisional Distribution: None

FYSEMR 21V

Black Holes, String Theory and the Fundamental Laws of Nature

W 0600 PM - 0800 PM

Andrew Strominger

Course ID: 109627
2025 Fall (4 Credits)

Instructor Permission Required

The quest to understand the fundamental laws of nature has been ongoing for centuries. This seminar will assess the current status of this quest. In the first five weeks we will cover the basic pillars of our understanding: Einstein's theory of general relativity, quantum mechanics and the Standard Model of particle physics. We will then examine the inadequacies and inconsistencies in our current picture, including for example the problem of quantum gravity, the lack of a unified theory of forces, Dirac's large numbers problem, the cosmological constant problem, Hawking's black hole information paradox, and the absence of a theory for the origin of the universe. Attempts to address these issues and move beyond our current understanding involve a network of intertwined investigations in string theory, M theory, inflation and non-abelian gauge theories and have drawn inspiration from the study and observation of black holes, gravitational waves and developments in modern mathematics. These forays beyond the edge of our current knowledge will be reviewed and assessed.

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Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 21W

Research at the Harvard Forest—Global Change Ecology: Forests, Ecosystem Function, the Future

No meeting time listed

David Orwig

Course ID: 112349
2025 Fall (4 Credits)

Instructor Permission Required

The seminar will consist of three weekend field trips (Friday evening through Sunday afternoon) to Harvard Forest and a final mini symposium (Sunday afternoon to Monday afternoon) at the Harvard Forest. The seminar will acquaint students with our current knowledge about global change, drawing upon state-of-the-art research, tools, and measurements used in evaluating and predicting climate change through ongoing studies at the Harvard Forest's 4,000-acre outdoor classroom and laboratory in Petersham, Massachusetts. Students will spend the weekends at the Harvard Forest (HF) in comfortable accommodations with round-trip travel and meals provided. Through readings, informal discussions, and field excursions, students will become versed in the ecological concepts related to global change, and the science behind current predictions for future climate scenarios. September 12-14, October 10-12, November 7-9, December 8 (final on-campus meeting) Through the three weekends we will broadly discuss the critical role that forests play in a changing climate, with in-depth discussions on specific topics such as carbon dioxide emissions, invasive species, and forecasting the future with ecological data. Visits to various long-term ecological experiments and associated infrastructure will show students how climate change impacts are assessed, and discussions will emphasize how scientists predict future climate change through modeling. Students will prepare a written exercise following each weekend based on the topics discussed and will work on a final paper and presentation for a mini symposium on the last day of

class. The field trip format is intended to immerse students in an active field research setting and to allow extended small group discussion and interaction with a number of leading global change scientists at one of the preeminent field research sites in the U.S. Students will come away with an understanding of the types of ecological evidence for global warming and will be able to explain, to a broad audience, some of the major scientific methods used in predicting its consequences.

Course Note: The first class only will meet on Tues, Sept 2, 9:30-11:30am in a location TBD.

PLEASE NOTE: due to the seminar format of the weekends and a final symposium, students MUST be able to attend all class dates, SEPT 12-14, OCT 10-12, NOV 7-9. The Final Symposium will be on Dec 8. Transportation, accommodations, and meals at the Harvard Forest will be provided at no cost to the student.

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Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 22H

My Genes and Cancer

R 0345 PM - 0545 PM

Giovanni Parmigiani

Course ID: 159990

2026 Spring (4 Credits)

Instructor Permission Required

The effect of a person's genetic background on whether they will develop cancer, and when, is at the center of scientific and societal dilemmas which will be explored in this seminar. The seminar will include a brief didactic phase, followed by student-led learning activities and by final debates, moderated by students. Learning will cover genetic inheritance of cancer; cancer evolutionary theories; conceptual and technical notions of probability and risk; and their use in personalized medicine. Debates will emerge from the student's interest. Examples may include: should we test all children at birth? Should we research methods for editing genetic susceptibility to cancer out of embryos? Should race be part of the construction of personalized cancer risk? NASA is both an employer and a health care provider for astronauts: space missions increase astronauts' risk of cancer; should NASA test astronauts for inherited susceptibility to cancer, and how should they use the information?

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There are no strict prerequisites, though some familiarity with the basic concepts of probability and genetics will be very helpful.

Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 23C

Exploring the Infinite

W 0345 PM - 0545 PM

Peter Koellner

Course ID: 224563

2025 Fall (4 Credits)

Instructor Permission Required

Infinity captivates the imagination. A child stands between two mirrors and sees herself reflected over and over again, smaller and smaller, trailing off to infinity. Does it go on forever? ... Does anything go on forever? Does life go on forever? Does time go on forever? Does the universe go on forever? Is there anything that we can be certain goes on forever? ... It would seem that the counting numbers go on forever, since given any number on can always add one. But is that the extent of forever? Or are there numbers that go beyond that? Are there higher and higher levels of infinity? And, if so, does the totality of all of these levels of infinity itself constitute the highest, most ultimate, level of infinity, the absolutely infinite? In this seminar we will focus on the mathematical infinite. We will start with the so-called "paradoxes of the infinite", paradoxes that have led some to the conclusion that the concept of infinity is incoherent. We will see, however, that what these paradoxes ultimately show is that the infinite is just quite different than the finite and that by being very careful we can sharpen the concept of infinity so that these paradoxes are transformed into surprising discoveries. We will follow the historical development, starting with the work of Cantor at the end of the nineteenth century, and proceeding up to the present. The study of the infinite has blossomed into a beautiful branch of mathematics. We will get a

glimpse of this subject, and the many levels of infinity, and we will see that the infinite is even more magnificent than one might ever have imagined.

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FAS Divisional Distribution: None

FYSEMR 23H

Medicine in Nazi Germany and the Holocaust—Anatomy as Example for Changes in Medical Science

Course ID: 160215
2026 Spring (4 Credits)

M 0300 PM - 0500 PM

Instructor Permission Required

Sabine Hildebrandt

The full title of this seminar is Medicine in Nazi Germany and the Holocaust—Anatomy as Example for Changes in Medical Science from Routine to Murder. This seminar introduces students to the history of Nazi Germany and the Holocaust as an extreme example of antisemitism and racism, and of crimes against humanity and genocide. These included medical crimes, which, thus far, are the most thoroughly documented examples of ethical transgressions of health care professionals. They include forced sterilizations, the "euthanasia" systematic patient murder program, and forced brutal medical experiments on the living and the dead. However, under conditions of oppression by the same political system, some health care professionals chose to retain the healing powers of medicine. Anatomy in Nazi Germany is an example of ethical transgressions in the medical sciences that reveals the complex relationships between scientists and the Nazi regime. Changes of the traditional anatomical body procurement manifested in the use of many bodies of Nazi victims in teaching and scientific investigations. Research gradually moved from routine studies to murder, from the anatomy lab to the Nazi prison system and then to the concentration camps. Ultimately, anatomists were complicit with the government through their role in the complete destruction of the perceived "enemies" of the Nazi regime. This history of medicine can thus serve as a model for the recognition of patterns and common roots with other histories of discrimination, oppression, and atrocities. Also, there are continuities and legacies from this history that reach into the present and have relevance for today's education and practice in the health professions.

Course Note: To students interested in applying to FYSEMR 23H: Medicine in Nazi Germany and the Holocaust—Your application to this seminar should state your interest and previous exposure to this topic. This text does not have to be perfectly worded or long, but be written by you rather than a generative AI tool. Use of generative AI in this context is discouraged by Dr. Hildebrandt, as she really wants to hear from you personally, and not read a standard text on the topic.

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Requires: Course open to First-Year Students Only

FYSEMR 23I

Earth Science Goes to the Movies: Math and Physics of Natural (?) Disasters

Course ID: 160219
2025 Fall (4 Credits)

W 0300 PM - 0545 PM

Instructor Permission Required

Miaki Ishii

Natural disasters such as earthquakes, tsunamis, tornadoes, hurricanes, and volcanic eruptions can have devastating effects on society, but are often over-exaggerated for the silver screen. How can we tell what is believable and what is not? Participants in this seminar will watch one Earth-science related movie each week, will learn background about the science behind the natural disasters portrayed on film, and then will apply math and physics concepts and equations to develop "back-of-the-envelope" calculations that assess realism. The movies will be complemented with Role-Playing Games to gain insight into the complexities of mitigating natural disasters. Students will be exposed to a wide variety of Earth-science topics and should walk away not only with the ability to point out flaws on-screen, but also the ability to explain natural phenomena in the world around them. For J-Term-Wintersession (January 5-23): The Seminar includes a component designed to prepare students for research participation, culminating in an optional, not-for-credit J-term module. The module will run from Monday January 5th to Friday January 23rd, and will be at no cost to the students. During this module,

students will engage in paid research activities within the Department of Earth & Planetary Sciences and learn research skills through mini-workshops. Please visit the Seminar Site for further details on the J-Term component of this Seminar.

Course Note: Students are expected to attend Tuesday evening movie viewing sessions (time TBD). This seminar is highly participatory and collaborative, and students should be ready to engage not only with the material, but also with one another.

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Students must be comfortable with high-school level math and science.

Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 23K

Insights from Narratives of Illness

R 1245 PM - 0245 PM

Jerome Groopman

Course ID: 117969

2026 Spring (4 Credits)

Instructor Permission Required

A physician occupies a unique perch, regularly witnessing life's great mysteries: the miracle of birth, the perplexing moment of death, and the struggle to find meaning in suffering. It is no wonder that narratives of illness have been of interest to both physician and non-physician writers. This seminar will examine and interrogate both literary and journalistic dimensions of medical writing. The investigation will be chronological, beginning with "classic" narratives by Tolstoy, Chekhov, and Kafka, and then moving on to more contemporary authors such as William Carlos Williams, Richard Selzer, Oliver Sacks, Susan Sontag, and Philip Roth. Controversial and contentious subjects are sought in these writings: the imbalance of power between physician and patient; how different religions frame the genesis and outcome of disease; the role of quackery, avarice, and ego in molding doctors' behavior; whether character changes for better or worse when people face their mortality; what is normal and what is abnormal behavior based on culture, neuroscience, and individual versus group norms. The presentation of illness in journalism will be studied in selected readings from the New York Times' and Boston Globe's Science sections, as well as periodicals like the New Yorker, The New York Review of Books, Harper's, and the Atlantic Monthly. The members of the seminar will analyze how the media accurately present the science of medicine or play to "pop culture." The seminar will study not only mainstream medical journalists, but so called alternative medical writers such as Andrew Weil and celebrity health voices like Gwyneth Paltrow. Patients with different diseases will be invited to speak to the members of the seminar about their experiences. Students will try their hands at different forms of medical writing, such as an editorial on physician-assisted suicide that would appear in a newspaper and a short story that describes a personal or family experience with illness and the medical system.

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Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 23P

Physics, Math and Puzzles

R 0600 PM - 0800 PM

C. Vafa

Course ID: 224490

2026 Spring (4 Credits)

Instructor Permission Required

Physics is a highly developed branch of science with a broad range of applications. Despite the complexity of the universe the fundamental laws of physics are rather simple, if viewed properly. This seminar will focus on intuitive as well as mathematical underpinnings of some of the fundamental laws of nature. The seminars will use mathematical puzzles to introduce the basic features of physical laws. Main aspects discussed include the role of symmetries as well as the power of modern math, including abstract ideas in topology, in unraveling the mysteries of the universe. Examples are drawn from diverse areas of physics including string theory. The issue of why the universe is so big, as well as its potential explanation is also discussed.

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This seminar is recommended for students with a strong background in both math and physics and with keen interest in the relation between the two subjects.

FAS Divisional Distribution: None

FYSEMR 23S

The Seven Sins of Memory

M 0300 PM - 0500 PM

Daniel Schacter

Course ID: 117972

2026 Spring (4 Credits)

Instructor Permission Required

How do we remember and why do we forget? Can we trust our memories? How is memory affected by misinformation such as "fake news"? Do smartphones and the Internet help our memories or hurt them? Are traumatic experiences especially well remembered or are they poorly remembered? What are the best ways to study for exams? This seminar will address these and other questions related to the fallibility of memory by considering evidence from studies of healthy people with normal memories, brain-damaged patients who show dramatic forgetting or striking memory distortions, and neuroimaging studies that reveal brain regions and networks that are linked to memory. The framework for the seminar is provided by the idea that the misdeeds of memory can be classified into seven basic "sins". Three of the memory sins refer to different kinds of forgetting (transience, absent-mindedness, and blocking), three refer to different kinds of distortions or false memories (misattribution, suggestibility, and bias) and the final sin refers to intrusive recollections (persistence). We will consider how the memory sins impact everyday life and discuss the possibility that they can be conceptualized as by-products of adaptive features of memory, rather than as flaws in the system or blunders made by Mother Nature during evolution. Relatedly, we will also discuss the interplay between remembering past experiences and imagining future experiences, which provides clues regarding the nature and fallibility of memory.

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Requires: Course open to First-Year Students Only

FYSEMR 23Y

All Physics in 13 Days

M 0645 PM - 0845 PM

John Doyle

Course ID: 109575

2026 Spring (4 Credits)

Instructor Permission Required

Some claim that there are 13 ideas or principles that can form the bedrock for a pretty good understanding of our physical and technological world. These are: 1) Boltzmann factor and thermal equilibrium, 2) Turbulence, 3) Reaction rates, 4) Indistinguishable particles, 5) Quantum waves, 6) Linearity, 7) Entropy and information, 8) Discharges, ionization, 9) Relativity, 10) Nuclear binding energies, 11) Photon modes, 12) Diffraction, 13) Resonance. Each week we will discuss one of these principles and see how they explain certain things about the physical world. We will discuss these and connections with other principles, as well as how the principle shows up in technology and, more broadly, in our technological society.

Course Note: The meeting time will be determined according to enrolled students' availability.

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This seminar is restricted to students that very likely will major in physics or chem/physics. In their application, students should provide their planned courses for the fall semester. This course will treat several key principles with the expectation that students will encounter them in a more extensive, more formal way in an advanced physics course. Topics may change.

Requires: Course open to First-Year Students Only

FYSEMR 24G

A Brief History of Surgery

R 0600 PM - 0800 PM

Frederick Millham

Course ID: 127976

2025 Fall (4 Credits)

Instructor Permission Required

Was Surgery practiced in the Stone Age? Twenty six hundred years ago at the dawn of recorded history, Egyptian surgeons operated on patients by the shores of the Nile. What diagnoses were they making? What treatments did they offer? How did they understand human anatomy and physiology? A millennium later, the Hippocratic physicians emerged on the Aegean Island of Cos. These physicians left us carefully stated surgical principles based, at least partly, on observation and measurement. Why did they record their wisdom in the form of aphorisms? At around the same time, Shushruta, in what is now India, appears to have offered surprisingly modern surgical care to his patients. Who was he? In the second century CE Galen of Pergamum bursts on to the scene, intending to restore Hippocratic orthodoxy. Why was surgical thinking for nearly two millennia dominated by this his, often erroneous, teaching? The Islamic Golden Age, an explosion of scientific and medical discovery, is a key to our understanding of all that follows in surgical history. Why is this period overlooked today? How did the exposure of Galen's anatomical imprecision by Vesalius in 1543 and his absurd physiology by Harvey in 1628 begin a Medical Enlightenment? Why did it take until the 19th century for surgeons solve the riddles of anesthesia and antisepsis? What were the roles of surgeons in the Eugenics movement and the Holocaust? Is the advice of the Hippocratic physicians that "To understand surgery one must go to war" true in the 21st Century? Our study will examine these questions and many more. We will visit the site of the first use of ether anesthesia and explore the human body in the anatomy lab at Harvard Medical School. We will admire rare first additions of the great works of surgical history at the Countway Medical Library. From time to time we will be joined by doctors with expertise in specific areas such as anesthesiology, combat surgery, and anatomy.

Course Note: The seminar will visit the site of the first use of ether anesthesia (the Ether Dome) and explore the human body in the anatomy lab at Harvard Medical School. We will admire rare first additions of the great works of surgical history at the Countway Medical Library. From time to time we will be joined by doctors with expertise in specific areas such as anesthesiology, combat surgery, and anatomy.

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Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 24U

"How Did I Get Here?"—Appreciating "Normal" Child Development

T 0345 PM - 0545 PM

Laura Prager

Course ID: 128122

2026 Spring (4 Credits)

Instructor Permission Required

Understanding "normal" growth and development may seem like a relatively easy task at first. We take the nuances of developmental differences for granted because we're so accustomed to experiencing them. Nevertheless, defining normal (versus abnormal) development is a complex and controversial task. Development involves a tricky intermingling of environmental stimuli, cultural and social expectations, rapid and not always intuitive changes in brain development, temperamental differences, genetic inheritance, and mind-boggling brain plasticity. The seminar will start with a consideration of general themes and then move to a chronologic perspective. First, we approach child development as a dynamic force, one which simultaneously engages multiple domains: social/relational, cognitive, physical, moral. We will then switch to examine stages of development in sequence, using our understanding of neurobiological, physical, cultural, and psychological factors to inform our assessment of how children change over time. Readings will include classic papers on development, textbook chapters that provide overviews of specific developmental stages, recently published research articles on genetic inheritance, selected contemporary children's and young adult literature, personal memoirs, and short stories written about childhood.

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Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 25N

Course ID: 122458

Finding Connections: Perspectives on Psychological Development and Mental Illness

2025 Fall (4 Credits)

T 0300 PM - 0500 PM

Instructor Permission Required

Nancy Rappaport

The seminar's challenge will be to deepen our understanding of human development and how individuals cope with serious emotional or social difficulties (neglect, bipolar disorder, autism, depression, schizophrenia). We will use multiple perspectives: medical observations and texts that provide practical knowledge (e.g. The New England Journal of Medicine review articles), narrative readings to understand how patients experience the meaning of illness from the inside out (e.g. The Center Cannot Hold), visitors who will discuss their experience with mental illness, and how development-related mental illness is portrayed in the press (e.g. The New Yorker articles). We will start with the mental life of babies and how scientists interpret infants' nonverbal ways of finding safety and security. This begins the journey of our understanding fundamental needs for tenderness, holding, and making meaning. Understanding how conditions such as autism, depression, and schizophrenia are described in clinical research and literature will help us to appreciate the biological vulnerabilities and relational patterns that may disrupt the human connection. We will examine the resourcefulness required for both fragility and resiliency. Throughout the seminar, the instructor, as a practicing child and adolescent psychiatrist, will bridge the gap between research findings, clinical applications, and everyday insight.

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Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 26J

Course ID: 121549

The Universe's Hidden Dimensions

2025 Fall (4 Credits)

M 0300 PM - 0500 PM

Instructor Permission Required

Lisa Randall

This seminar will give an overview and introduction to modern physics and cosmology. As with the books, Warped Passages, Knocking on Heaven's Door, Higgs Discovery, and Dark Matter and the Dinosaurs, on which it will be loosely based, the seminar will consider important developments in physics today and in the last century. We will consider the revolutionary developments of quantum mechanics and general relativity; and will investigate the key concepts which separated these developments from the physical theories which previously existed. We will then delve into modern particle physics and cosmology and how theory and experiment culminated in the "Standard Model of particle physics" which physicists use today as well as the current cosmological model based on the Big Bang theory and inflation. We will also move beyond the standard theories into more speculative arenas, including supersymmetry, string theory, and theories of extra dimensions of space, as well as ideas about the nature of dark matter and black holes. We will consider the motivations underlying these theories, their current status, and how we might hope to test some of the underlying ideas in the near future.

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Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 26K

Course ID: 156450

Transformative Ideas in Brain Science: War, Technology, and Disease Pioneered Discovery

2025 Fall (4 Credits)

Jeffrey Macklis

This seminar will offer an integrated historical-neurobiological-neurological introduction to foundational and transformative ideas in the ~3,700 year history of brain science, neuroscience, and "lay" neurology—all accessible to freshmen with interests from neuroscience and (molecular, developmental, organismic, evolutionary, or regenerative) biology to history and philosophy of science to neuroeconomics and medicine. No background will be assumed. Rather, a series of historical vignettes and sources will be tied to modern understanding of core elements of the nervous system, its organization, function, and modes of investigation and manipulation. Selected historical contexts, often involving war, disease, serendipity, and technology advancement, will be highlighted as advancing knowledge in surprising ways. An inter-disciplinary approach will benefit from each student bringing insights from their own reading of primary source and history of science texts, to be added to in-session discussion, with moderation and direction from me (JDM). We will visit a number of the Harvard Collections and museums, including the Museum of Comparative Zoology, Harvard Herbaria, Houghton Rare Books Library, History of Science Collections, the HMS Warren Anatomical Museum collection (Phineas Gage's skull and railroad tamping rod, among much more), the Harvard collection of historical scientific instruments (advances in microscopy, electrical measurement, e.g.), and the state-of-the-art Center for Brain Science human functional brain imaging facility, with each visit providing context for the week.

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No background will be assumed.

Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 27I

Course ID: 108829

Global Health: Comparative Analysis of Healthcare Delivery Systems

2025 Fall (4 Credits)

M 1200 PM - 0245 PM

Instructor Permission Required

Sanjay Saini

This interactive seminar will allow students to obtain greater understanding of challenges faced by US healthcare system through critical comparative analysis of healthcare systems of selected countries from the developed, emerging and developing world. Weekly sessions will comprise of student-led discussion that revolves around an important healthcare issue. Domain expert guest speakers will be included allowing students to network with thought leaders. Students will explore in-depth a topic of their choice and prepare a manuscript potentially for publication in a peer-reviewed journal.

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Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 30G

Course ID: 108261

Digging Egypt's Past: Harvard and Egyptian Archaeology

2025 Fall (4 Credits)

T 0945 AM - 1145 AM

Instructor Permission Required

Peter Manuelian

Mysterious pyramids, colossal royal statues, tiny gold jewelry, decorated tomb chapels, temples, settlements, fortresses, and hieroglyphic inscriptions. This was the excavation legacy in Egypt and Sudan of the Harvard University–Boston Museum of Fine Arts (MFA) Expedition. Led by Egyptologist George Reisner (1867–1942; new biography just published), this expedition revolutionized archaeological method, and put Harvard Egyptology on the world stage, all during British control of the Egyptian government, French control of Egyptian antiquities, and Egyptian yearning for independence. This seminar explores 20th century and modern archaeology and Egyptology, racism and decolonization in cultural heritage, Harvard and MFA history, museology and artifact repatriation. Students will access unpublished archival documents at Harvard and elsewhere, and will research important expedition sites, staff members and momentous discoveries.

Course Note: Circumstances permitting, field trips to the Peabody Museum, the MFA, Harvard's Visualization Center (Giza Pyramids in 3D), and the Harvard Museum of the Ancient Near East, will bring the HU-MFA Expedition to life.

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Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 30Q

Course ID: 110425
2025 Fall (4 Credits)

Death and Immortality

M 1245 PM - 0245 PM

Instructor Permission Required

Cheryl Chen

In this seminar, we will discuss philosophical questions about death and immortality. What is death? Is there a moral difference between "brain death" and the irreversible loss of consciousness? Is the classification of a person as dead a moral judgment, or is it an entirely scientific matter? Is death a misfortune to the person who dies? How can death be a misfortune if you are no longer around to experience that misfortune? Is it possible to survive after death? What does it mean for you to survive after your death? Is there such a thing as an immaterial soul distinct from your body? Is immortality something you should want in the first place? Even if you do not live forever, is it nevertheless important that humanity continues to exist after your death? By discussing these questions about death, we will hopefully gain insight about the importance and meaning of life.

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Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 31J

Course ID: 121901
2025 Fall (4 Credits)

Skepticism and Knowledge

T 0300 PM - 0500 PM

Instructor Permission Required

Catherine Elgin

Descartes wrote his Meditations because he realized that, although he had received the best education in the world, much of what he had learned was false or unfounded. This led him to embark on a systematic investigation to discover whether knowledge is possible. Harvard freshmen face a similar predicament. Having dutifully learned what they were taught, and evidently learned it well, some find themselves questioning its cognitive adequacy. Much that they learned in school seems superficial, incomplete, oversimplified, or incorrect. Is it possible to know the way the world is? Can I know that I am not a brain in a vat being manipulated into thinking that I am an embodied human being? Can I know that the Louisiana Purchase occurred in 1803, that electrons have negative charge, that Hamlet is a masterpiece, that the sun will rise tomorrow? How can I tell whether a report is 'fake news'? Are there 'alternative facts'? Is uncertainty regrettable or valuable or both?

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Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

Trials from Classical Athens and Modern Legal Debates

T 0300 PM - 0500 PM

*Instructor Permission Required**Adriaan Lanni*

In classical Athens, litigants represented themselves before hundreds of jurors who rendered verdicts without instruction from a judge. We will evaluate Athens' distinctively amateur legal system by reading surviving court speeches involving homicide, assault, adultery, international law, and commerce as well as Plato's account of Socrates' defense speech. We will analyze the speeches as pieces of legal rhetoric and for the insight they offer into ancient approaches to crime and punishment, the regulation of sexuality, the trial jury, and court procedure. Taught by a law professor, the focus will be on comparing ancient and modern approaches to problems faced by all legal systems. We will use the ancient material as a jumping off point to debate modern legal topics such as the role of victims in the criminal process, jury nullification, the proper exercise of discretion in prosecution and sentencing, the provocation doctrine in modern homicide law, transitional justice institutions (human rights prosecutions, amnesties, truth commissions); theories of punishment, the use of collective sanctions in international law, free speech and the protection of dissent in a democratic society, and direct vs. representative models of democracy. Approximately half of each class session will be devoted to discussing the Athenian cases, the other half to discussing analogs in modern legal debates.

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Prior knowledge of ancient history or ancient languages is not required; all readings are in translation and the seminar is designed to be of interest to those without a background in the ancient world.

Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

Collecting the Past

W 0300 PM - 0500 PM

*Instructor Permission Required**Adrian Staehli*

This seminar will explore different historical practices of collecting and displaying Greek and Roman art and artefacts from the earliest periods of antiquity through the Middle Ages and the Renaissance to most recent times, including the contemporary debate about cultural property, the acquisition policies of museums, and the repatriation of looted antiquities to their countries of origin. The seminar will consider how various forms of collecting, archiving, and displaying – such as collections of war booty in ancient Rome, cabinets of curiosities in the European Renaissance, or modern art museums from the 18th century onwards – have shaped our knowledge and understanding of Greek and Roman culture and art, and, more generally, of the past, and how they have contributed to the emergence of new forms of aesthetic appreciation and new approaches to the understanding and interpretation of ancient art and material culture. This seminar will be designed in connection and cooperation with the major exhibition on Celtic Art which will be staged by the Harvard Art Museums in Spring 2026 and will include frequent museum trips to the Harvard Art Museums as well as to the Museum of Fine Arts in Boston to study important art works relating to this class.

Course Note: The seminar will include required field trips to museums in Boston and Cambridge, dates to be arranged. Transportation and entrance fees are provided free of charge.

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Requires: Course open to First-Year Students Only

Animation--Getting Your Hands on Time

R 1200 PM - 0330 PM

*Instructor Permission Required**Ruth Lingford*

Students in this practice-based seminar will experiment with a variety of animation techniques, gaining new

HARVARD UNIVERSITY 689 of 1792

perspectives on time in the process. Drawn animation breaks down time into frames, helping us to understand time both as a liquid flow and a sequence of distinct infinitesimals. Pixilation, a technique from the beginning of cinema, allows us to interrupt and reassemble the continuity of movement. Stratacut lets us think of time as a solid. Editing gives us the power to manipulate time. For the first half of the semester, students will be introduced to a new technique each week, and will be given an assignment to start in class and finish before the next one. The second half of the semester will be spent working on short individual projects, which may build into a longer class project.

Course Note: The length of the class meeting will allow for studio time. There will be screenings on Friday 12-2. While these are recommended, they are not mandatory.

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No previous experience of drawing or animation is required.

Requires: Course open to First-Year Students Only

FYSEMR 33X

Course ID: 116807

Complexity in Works of Art: Ulysses and Hamlet

2025 Fall (4 Credits)

W 0945 AM - 1145 AM

Instructor Permission Required

Philip Fisher

Is the complexity, the imperfection, the difficulty of interpretation, the unresolved meaning found in certain great and lasting works of literary art a result of technical experimentation? Or is the source extreme complexity—psychological, metaphysical, or spiritual? Does it result from limits within language, or from language's fit to thought and perception? Do the inherited forms found in literature permit only certain variations within experience to reach lucidity? Is there a distinction in literature between what can be said and what can be read? The members of the seminar will investigate the limits literature faces in giving an account of mind, everyday experience, thought, memory, full character, and situation in time. The seminar will make use of a classic case of difficulty, Shakespeare's Hamlet, and a modern work of unusual complexity and resistance to both interpretation and to simple comfortable reading, Joyce's Ulysses. Reading in exhaustive depth these two works will suggest the range of meanings for terms like complexity, resistance, openness of meaning, and experimentation within form.

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Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 34V

Course ID: 156241

Broadway Musicals: History , Race, and Performance

2025 Fall (4 Credits)

T 0945 AM - 1145 AM

Instructor Permission Required

Carol Oja

This seminar explores a group of canonical Broadway musicals, pairing historical and musical discussions with staging of individual scenes. The stagings will be done under the guidance of Allegra Libonati of the A.R.T. Institute. Throughout, there will be a strong emphasis on race – as embedded in the story lines of shows, their musical styles, and casting decisions. The seminar will touch on signal moments over the course of the "Golden Age" of the musical, stretching up to the present: Show Boat (1927), Oklahoma! (1943), On the Town (1944), South Pacific (1949), West Side Story (1957), A Chorus Line (1975), In the Heights (2008), and Hamilton (2016). This seminar is offered through the Harvard Radcliffe Institute and will draw on the resources of the Schlesinger Library, a major repository for the archives of women. Student musicians and actors are welcome in the course, as are students who love to watch shows but do not necessarily view themselves as performers.

Course Note: This is a Radcliffe First-Year Seminar and will include optional co-curricular activities related to the seminar topic. The seminar will be held at the Radcliffe Institute, Knafel 104, 18 Mason St.

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to as many seminars each term as you would like, but we recommend you apply to at least six in fall and three in spring. As part of your application, you must provide a brief statement on why you are interested in each seminar. You will be notified of lottery results for both fall and spring seminars at 5 pm on Mon, August 11. If you are unsuccessful in the lottery, you may still join any seminar with open seats. A list of open seminars and instructions on next steps will be available on the First-Year Seminar Program website August 11 at 12 Noon.

The ability to read music is desirable but not required.

Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 35N

Course ID: 126838

The Art and Craft of Acting

2025 Fall (4 Credits)

M 0300 PM - 0530 PM

Instructor Permission Required

Remo Airaldi

We've all watched a great performance and wondered, "How did that actor do that?" Acting is undoubtedly the most popular, most widely appreciated of the performing arts, and yet, in many ways, it remains a mystery. This seminar will give students an opportunity to demystify the art of acting by introducing them to the basic tools of the trade—they will learn about the craft of acting by actually "doing" it. It will provide an introduction to acting by combining elements of a discussion seminar with exercises, improvisations and performance activities. Improvisation will be used to improve group/ensemble dynamics, to minimize habitual behaviors, and to develop characters. Students will explore a range of acting techniques designed to give students greater access to their creativity, imagination and emotional life. The aim will be to improve skills that are essential to the acting process, like concentration, focus, relaxation, observation, listening, collaboration and so on.

Course Note: Students will attend and critique theatrical productions in the Boston area. There will be no charge to the students.

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Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 41K (01)

Course ID: 121017

Human Rights, Law and Advocacy

2025 Fall (4 Credits)

W 1200 PM - 0230 PM

Instructor Permission Required

Susan Farbstein

Human rights practitioners confront numerous ethical, strategic, and legal dilemmas in their struggles for social justice. This freshman seminar explores the underlying legal frameworks in which human rights advocates operate, and then uses specific case studies to consider the various challenges they must grapple with in their work. The seminar is designed to encourage students to critically evaluate the human rights movement while offering an introduction to some of the essential tools and strategies used by human rights advocates, including advocacy, litigation, documentation, and report writing. Students will consider tough questions, such as: How can human rights be harnessed to successfully influence and change behavior? What does responsible, effective human rights advocacy look like? How do we engage without perpetuating power differentials along geopolitical, class, race, gender, and other lines? How do we find ways to work in collaboration with directly affected communities? What does it mean to be a human rights advocate working on abuses affecting individuals and communities remote from yourself? How do you balance broader advocacy goals with the needs of individual survivors or clients? How do you determine when to intervene and devote limited resources to a given issue? Finally, the seminar considers the limits of the human rights paradigm and established methodologies, such as litigation and "naming and shaming," and explores alternative sources and forms of advocacy, including the role of community lawyering in the human rights context.

Course Note: This seminar will meet for 2 hours only, Weds, 12:30-2:30.

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FYSEMR 42C

The Role of Government

W 0300 PM - 0500 PM

Oliver Hart

Course ID: 160196

2026 Spring (4 Credits)

Instructor Permission Required

Economists have a very positive view of the role of markets. The intellectual foundations of this are the first and second theorems of welfare economics. The purpose of the seminar is to introduce the students to these results but also to their limitations. Most economists think that market outcomes will fail to be efficient in the presence of large-scale externalities/public goods, and government intervention is then justified. Examples are national defense, clean air, and the mother/father of them all: global warming resulting from carbon emissions. Another very topical issue is inequality. There is no particular reason to think that a market economy will yield an equitable distribution of income, and given this what is the appropriate government response? Throughout the seminar the analysis of ideas and concepts will be interspersed with policy issues such as whether and what limitations should be placed on the right to smoke or consume drugs, the right to have an abortion, and the right to buy and sell organs. We will also consider the pros and cons of affirmative action, the Affordable Care Act (Obamacare) and the role of government nudges.

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Student should have taken Economics 10A or more advanced in fall term.

Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 43F

When Bad things Happen Early in Life: Effects of Early Adversity on Brain & Behavioral Development

M 1200 PM - 0245 PM

Charles Nelson

Course ID: 224570

2025 Fall (4 Credits)

Instructor Permission Required

Decades of research tell us that the foundations of healthy development are built early in life. Genes provide the basic blueprint for brain architecture, but experiences shape the activity of the genome and thus determine how the circuitry is wired. Significant adversity can derail developmental processes and distort brain maturation, leading to limited economic and social mobility. Exposure to significant adversity early in life, particularly during critical periods of brain development, may increase risk for a host of chronic physical health problems, including cardiovascular disease, hypertension, diabetes, and addictive behavior; it can also lead to a variety of mental health problems, including depression and anxiety and characterological problems. Science clearly indicates that the longer we wait to intervene on behalf of such children, the more difficult it becomes to achieve healthy outcomes. This constraint is particularly true for children who sustain the wear and tear of early exposure to so-called "toxic stress". In this seminar we will critically examine the range of adverse early experiences that impact children growing up in both low and high resource countries. Key themes include a) the nature of the adversity children are exposed to, b) the timing of the adversity c) the chronicity of the adversity, and d) individual differences (including genetic and environmental factors that may confer protection on children exposed to early adversity). We will pay particular attention to the short- and long-term outcomes on physical, neurological and psychological health.

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FAS Divisional Distribution: None

FYSEMR 43J

The Economist's View of the World

Course ID: 108562

2025 Fall (4 Credits)

N. Mankiw

This seminar's goal is to probe how economists of various perspectives view human behavior and the proper role of government in society. Over the semester, seminar participants will read several brief, nontechnical, policy-oriented books by prominent economists. The participants will discuss each work's strengths and weaknesses, exploring the positive scientific judgments and normative value systems that underlie the author's policy prescriptions. To prepare for each book discussion, seminar participants are expected to send the instructor a brief email describing their views of the reading. In addition, each participant will have the opportunity to write his or her own essay addressing an economic policy issue. The essay will be read and discussed by all seminar participants.

Course Note: Please note that this seminar will be taught in two sections in Fall 2025:

Section 1: Tues, 9:45-11:45am — Section 2: Thurs, 9:45-11:45am

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Students are expected to have had some background in economics, such as an AP economics course in high school or simultaneous enrollment in Economics 10a.

Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 43J (002)

Course ID: 108562

The Economist's View of the World

2025 Fall (4 Credits)

R 0945 AM - 1145 AM

Instructor Permission Required

N. Mankiw

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Students are expected to have had some background in economics, such as an AP economics course in high school or simultaneous enrollment in Economics 10a.

Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 43W

Course ID: 224555

History, Nationalism, and the World: The Case of Korea

2025 Fall (4 Credits)

M 0300 PM - 0530 PM

Instructor Permission Required

Sun Joo Kim

This seminar will explore the quandary that faces all historians: To what extent is the understanding of past episodes influenced by current politics and to what extent is current politics influenced by people's understanding of the past? In the study of Korean history, this question is particularly sharp since the postcolonial division of Korea into North and South has thrust the memory of past events into current political discussions as well as scholarly debates. The seminar will investigate selected events in Korean history to map the interaction between historical writing and politics: the origins of Korea; Korean territory and the Korean people; cultural contacts with China and Japan and indigenization; social and regional marginalization and discrimination; Confucian

transformation of Chosŏn Korea and its legacy in contemporary Korean culture; the legacy of pre-World War II Japanese occupation; and the contending history of popular movements and religion. Why have some historians pictured Korea as a Japanese colony, a miniature replica of China, or a local variant of Chinese civilization? Why have other historians emphasized certain periods and aspects of Korean history while ignoring others? How have historians described Korea's relationships to China, Japan, and the rest of the world? Has the perception of Korea as a marginalized people and region influenced how its history has been described? Are there any connections between popular traditions and movements and this historical and scholarly discussion? Reading (all in English) will include translated primary documents as well as political and historical studies. Students are required to write five short critical essays in addition to weekly Web posting.

Course Note: All readings will be in English.

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FAS Divisional Distribution: None

FYSEMR 47U

Declarations of Independence: The Political Philosophy of the American Revolution

Course ID: 226320
2025 Fall (4 Credits)

W 1245 PM - 0245 PM

Instructor Permission Required

David Armitage

As the 250th anniversary of the US Declaration of Independence approaches in 2026, this seminar will examine that familiar document in some unfamiliar contexts. At the same time, it will provide a focused introduction to the development of modern ideas of rights, nationality, and statehood and will encourage students to place the United States in historical perspective and within an international context. The Declaration drew upon two centuries of arguments justifying rebellion, secession, and rights. It spoke to concerns and arguments arising out of contemporary British and American political thought. It was also the culmination of a series of similar declarations from colonies and towns and of a series of manifestos and papers issued by the Continental Congress. The seminar will examine these other documents, along with the successive versions of the Declaration in manuscript and print, in order to understand the political philosophy of the American Revolution. It will then examine the earliest replies to the Declaration, the many other American declarations of independence during the course of the nineteenth and twentieth centuries, and the various translations, imitations, and analogues of the American Declaration produced by later nationalist, secessionist, and anti-colonial movements up to the present.

Course Note: The seminar will also coincide with the opening of the nation's major exhibit on the Declaration for 2026 at the Museum of the American Revolution in Philadelphia. A class visit to Philadelphia is planned for the opening in October 2025. The trip will be free of cost to the student.

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FAS Divisional Distribution: None

FYSEMR 49G

The Holocaust in History, Literature, and Film

Course ID: 119999
2026 Spring (4 Credits)

M 0345 PM - 0545 PM

Instructor Permission Required

Kevin Madigan

This seminar will approach the Nazi persecution of European Jewry from several disciplinary perspectives. Initially the seminar will explore the topic historically. In these weeks, the seminar will use a variety of historical materials dealing with the history of European anti-semitism, German history from Bismarck to the accession of Hitler, the evolution of anti-Jewish persecution in the Third Reich, and the history of the Holocaust itself. Sources to be used will include primary sources produced by the German government 1933-1945, by Jewish victims-to-be or survivors, documentary films, and secondary interpretations. The aims of this part of the seminar will be to understand the basic background to and narrative of the Holocaust, to introduce freshmen to the use of primary historical sources, and to familiarize them with some of the major historiographical debates. Then the members of the seminar will ponder religious and theological reactions to the Holocaust. Here the

seminar will use literary and cinematic resources as well as discursive theological ones. The seminar will also consider the historical question of the role played by the Protestant and Catholic churches and theologies in the Holocaust. The seminar will conclude with an assessment of the role played by the Holocaust in today's world, specifically in the United States. Throughout the seminar, participants will use various literary and cinematographic sources and test their limits in helping to understand and to represent the Holocaust.

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Requires: Course open to First-Year Students Only

FYSEMR 49N

Measurements of the Mind: The Creation and Critique of the Psychological Test

Course ID: 121907
2025 Fall (4 Credits)

M 0900 AM - 1100 AM

Instructor Permission Required

Marla Eby

For well over a century, psychologists have worked with schools, corporations, immigration officers, the military, and psychiatrists to sort the American population into groups in order to make a number of key judgments.

Special tests – designed to measure everything from intelligence to vocational aptitudes to personality – have been at the center of that effort. In this seminar, we will explore the at times controversial story of psychological testing, and its larger implications. We will pay attention to the creativity within psychology in the making of such tests, and examine their potential benefits, as well as the drawbacks and dangers of the misuses of these instruments – particularly as tools of social control. Topics covered will include the use of tests in the eugenics movement, testing of immigrants at Ellis Island, academic and military sorting through cognitive tests, the use of personality tests in psychiatric and forensic settings, and the cross-cultural use of personality tests by anthropologists. Since Harvard psychologists have made significant contributions to the history of psychological testing, we will use materials uniquely available on this campus in the course of our work together.

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Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 51C (01)

Science in the Age of Artificial Intelligence

Course ID: 207514
2025 Fall (4 Credits)

R 0300 PM - 0545 PM

Instructor Permission Required

Brendan Meade

Science is focused on discovering and explaining the world around and within us. This has been its goal for hundreds of years and has produced astonishing breakthroughs from population genetics, to general relativity, to plate tectonics. Artificial intelligence is touted as a tool for learning about a complex system in ways that humans can't and has seen exceptional progress in natural language processing and image identification. In this class we explore the emerging linkages between scientific inquiry and artificial intelligence. The central goal of this class is to question the classical role of the scientist as a creator of theories and consider how scientists may become interpreters of theories developed by AI. We do this by developing an understanding of how AI systems actually work (they're astonishingly simple), explain recent success cases, and then consider how we may (or may not) rebuild science in an AI-first manner. Examples will be drawn from the earth and planetary sciences as well as the life sciences.

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High school calculus and/or computer programming would be extremely useful.

Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 51E

The Story of the Alternating Sign Matrix Conjecture

R 0300 PM - 0515 PM

Lauren Williams

Course ID: 207517

2025 Fall (4 Credits)

Instructor Permission Required

This seminar is intended to illustrate how research in mathematics actually progresses, using recent examples from the field of algebraic combinatorics. We will learn about the story of the search for and discovery of a proof of a formula conjectured by Mills-Robbins- Rumsey in the early 1980's: the number of $n \times n$ alternating sign matrices. Alternating sign matrices are a curious family of mathematical objects, generalizing permutation matrices, which arise from an algorithm for evaluating determinants discovered by Charles Dodgson (better known as Lewis Carroll). They also have an interpretation as two-dimensional arrangements of water molecules, and are known in statistical physics as square ice. Although it was soon widely believed that the Mills-Robbins-Rumsey conjecture was true, the proof was elusive. Researchers working on this problem made connections to invariant theory, partitions, symmetric functions, and the six-vertex model of statistical mechanics. Finally in 1995, all these ingredients were brought together when Zeilberger and subsequently Kuperberg gave two proofs of the conjecture. In this seminar we will survey the story of the alternating sign matrix conjecture, building up to Kuperberg's proof. If time permits, we will also get a glimpse of very recent activity in the field, for example the Razumov-Stroganov conjecture.

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This seminar is recommended for students with a strong interest in mathematics, including some familiarity with proofs. It would be helpful to have some exposure to combinatorics (permutations, binomial coefficients) and linear algebra (matrix multiplication and determinants of n by n matrices).

Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 51F

Understanding the Seemingly Impossible: A Revolution in Biology

M 0300 PM - 0500 PM

Craig Hunter

Course ID: 224553

2025 Fall (4 Credits)

Instructor Permission Required

Occasionally a scientific discovery is so unexpected that it is seemingly unexplainable. This seminar will revisit one such event, the discovery of RNA interference and how modern experimental molecular genetics cracked this "problem" and started a billion-dollar industry. Rare unexpected discoveries in biology, for example catalytic RNAs, instantly extend and broaden our understanding of the world, while the impact of other discoveries (split genes, hopping genes) are more gradual. However, some discoveries challenge firmly supported ideas. The initial description of RNA interference (RNAi) was seemingly magical—the introduction of a RNA molecule matching the sequence of any gene, results in the effective silencing (turning off) of the gene. Further, the silencing signal(s) were extremely potent and mobile, moving between cells, tissues, and generations. A series of seminal discoveries during an amazing four-year period revealed the previously unimagined process. We will read and talk about how these discoveries were made and how this unexpected new biology launched new therapeutic companies and is informing developing ideas about heritability, adaptation, and evolution.

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FAS Divisional Distribution: None

Skin, Our Largest, Hottest, and Coolest Organ: From Cancer to Cosmetics

2025 Fall (4 Credits)

R 0900 AM - 1145 AM

*Instructor Permission Required**David Fisher*

Skin provides a protective barrier that is vital to survival of all multicellular organisms. Its physical properties have been exploited for centuries, from clothing to footballs, and yet skin is a vibrant and dynamic organ that responds to environmental signals in myriad ways. Skin protects humans from toxic exposures, but can also be an intrinsic source of dangerous diseases. While its defects only rarely kill humans, its imperfections can cause misery and discomfort, ranging from subtle annoyances to depression and loss of self-esteem. It is a source of immense pleasure or excruciating pain. This seminar will provide a series of exposures at an introductory level, to distinct topics in skin biology. They will exemplify the diverse and vibrant nature of cutaneous networks and signals, through the lens of commonly recognized topics such as tanning, hair, sweat, cancer, cosmetics, cancer, and infections. Please note: The seminar will begin at 9:30 and end at 11:45 AM.

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None. Prior AP-Biology may be helpful but not required.

Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 51S

Course ID: 224551

Natural History Museums and the Anthropocene

2025 Fall (4 Credits)

W 1200 PM - 0245 PM

*Instructor Permission Required**Charles Davis*

Natural history museums are more than just buildings, they're treasure troves of stories, mysteries, and jaw-dropping discoveries that have shaped our entire understanding of life on Earth. Think Darwin, dinosaurs, and deep-sea wonders! But did you know that the real magic often happens *behind the scenes*, in collections rarely glimpsed by the public? In this seminar, you'll unlock access to Harvard's world-class Natural History Museums. Each week, you'll go behind the closed doors to explore how these institutions fuel scientific breakthroughs, steward millions of unique artifacts, and connect with a changing world in the digital age. You'll discover how museums are at the very center of today's most urgent scientific questions, from climate change to species conservation, and how technology is sparking a new revolution in museum science. You won't just read about it. You'll get your hands dirty! Explore the outdoors with fresh eyes, using innovative resources and field tools. Dive into Harvard's vast collections, meet museum staff, engage with these collections, and see how exhibits come to life. Your seminar experience builds toward a real-world capstone: working in teams to create your own museum exhibit. You'll weave together everything you've learned, curiosity, science, and creativity, into a showcase for the public.

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FYSEMR 51X

Course ID: 215849

Changing Perspectives: the Science of Optics in the Visual Arts

2026 Spring (4 Credits)

R 1245 PM - 0245 PM

*Instructor Permission Required**Aravinthan Samuel*

Renaissance artists began to create stunningly realistic representations of their world. Paintings started to resemble photographs, suggesting that artists had solved technical problems that escaped their forebears. Our brains effortlessly deduce three-dimensional scenes from two-dimensional images. But faithfully transferring spatial information to a flat canvas -- a sense of depth, surface and shadow, geometrical accuracy -- is hard to do. We will discuss how artists from van Eyck to Vermeer to Ingres to modern artists might have used science to make art. We will ask how devices like pinhole cameras, mirrors, and lenses might help artists see more deeply and create images more faithfully. We will perform science experiments with our own hands to appreciate how

optical devices might be useful to artists. We will try to use devices to create our own artwork. We will use online platforms to look closely at masterpieces around the world, using Zoom to virtually travel to distant museums and meet with their curators. We will meet artists and scientists, in person and virtually, who think about art and optics from different perspectives. Our seminar is a synthesis of art history, art making, and science.

Course Note: No prior training in art or science. We will learn how to draw in our own workshop. We will learn the science of optics by trial and error, not with math or physics.

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No prior training in art or optics. We will learn how to draw in our own workshop with provided tools. We will learn optics with practical exercises, not with math or physics.

Requires: Course open to First-Year Students Only

FYSEMR 52C

Course ID: 216102
2025 Fall (4 Credits)

Tree

M 0300 PM - 0545 PM

Instructor Permission Required

William Friedman

Have you hugged a tree lately? How about grown one? Photographed one? Drawn one? Written about one?

Imagine a semester devoted to connecting two organisms: a person (you) and a tree (not you). Interacting with a single tree, you will explore its individual history, evolutionary history, life cycle, leaves, bark, roots, flowers, cones, and architecture. In an age of environmental destruction and outright murder of our biological brethren, there is something deeply troubling about humanity's relationship with nature. Technology has left us with mere facsimiles of nature - pixilated abstractions of biodiversity through satellite imagery, decoded strings of DNA - and we, as a species, have become fundamentally disconnected from actual nature and the magnificent organisms with which we share the earth. In this seminar, we will work to understand and give agency to trees as individual organisms, literally rooted in the ground, and evolutionarily rooted in deep time. Topics to be covered include the evolutionary origin of arborescence, human relationships with non-sentient organisms, the case for legal rights for natural objects, reading a twig, the unseen world of roots, and finding human meaning in the longevity in trees. Each student will also work with an individual tree in the living collections of the Arnold Arboretum of Harvard University and observe (see) this organism throughout the entire semester through the creation of images (photography, drawing), journaling, and other forms of representation. The goal of this freshman seminar will be to initiate a personal and lifelong connection with the "other," the vast and variant organisms with which we share the planet.

Course Note: The first class will be held on campus, TBD. The seminar will meet at the Arnold Arboretum of Harvard University from 3-6:30pm to allow for travel time. Required field trips to the Arnold Arboretum of Harvard University, the Museum of Comparative Zoology, and a local pigeon fancier will be included. Transportation will be provided at no cost to the student.

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FAS Divisional Distribution: None

FYSEMR 52L

Course ID: 218480
2025 Fall (4 Credits)

Life and Death Lessons from the Fossil Record

R 0945 AM - 1145 AM

Instructor Permission Required

Javier Ortega-Hernandez

The fossil record offers a unique perspective on the history of Life on Earth. Although palaeontology might remind us of grotesque bones, dusty museum cabinets, and quirky scientists who relish both of those things—or God forbid, Ross Geller from *Friends*—the knowledge derived from the fossil record affects our daily lives in ways that are not immediately apparent. From its natural history origins during the 19th century, paleontology has become a cornerstone of neo-Darwinian evolutionary thought, produced a detailed log of climate change, and sits at the center of a multi-billion-dollar business consumed by millions of people around the world, most likely yourself included. This seminar will explore the rich world of paleontology and its bearing on human activities. You will learn how cutting-edge scientific research informs our understanding of the main processes

that have influenced the evolution of Life on Earth for approximately four billion years, including episodes of global warming/cooling and mass extinction events. You will also gain insights into the socioeconomic impact of fossils, ranging from the seamless integration of charismatic extinct animals into culture and entertainment, to ethical and political quandaries resulting from the unregulated exploitation of these natural resources in conflict zones. Finally, we will explore how technological advances blur the lines between science fiction and reality, allowing us to visualize diminutive, fossilized animal-like embryos from 600 million years ago, to the potential (and controversial) applications of gene editing to resuscitate extinct species such as the woolly mammoth and Tasmanian tiger.

Course Note: This seminar will run for 2 hours only within the time block. Students will also have the opportunity to take a field trip to visit fossil localities in Upstate New York and West Massachusetts. There will be no cost to the students.

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FAS Divisional Distribution: None

FYSEMR 52N

Course ID: 219762

Misinformation, Disinformation, and BS in Science Communication

2026 Spring (4 Credits)

W 0945 AM - 1145 PM

Instructor Permission Required

Daniel Hartl

It's a jungle out there. The world is awash in hucksters, tricksters, frauds, scammers, grifters, and thieves. And there's no shortage of easy marks, suckers, dupes, and fools. Classic cons like the pigeon drop and three-card monte aimed to heist a bundle from a few. The internet and cable TV have changed the game. Now the goal is to nick a bit from a crowd. You're one of the suckers, so are your friends, so am I, so is everybody. We don't notice we're being scammed because what is being stolen is not our money. What's being stolen is our attention and our time. We're all suckers for clickbait. What's wrong with clickbait is that it leads you down a rabbit hole of misinformation, disinformation, and conspiracy theories that have created and sustained widespread skepticism and mistrust of science and scientists resulting in covid-19 conspiracy theories, vaccine hesitancy, bogus drug treatments, climate change denial, anti-evolution, and so forth. Even the most educated and savvy consumer of information is easily misled in today's complex information ecosystem. This seminar is clickbait vaccine to boost your critical thinking. It is designed to help you identify and refute misinformation, disinformation, and BS rampant on the internet. It will help you recognize sensationalism when science is communicated in the press. It will familiarize you with the main logical fallacies that students and scientists themselves are prone to. As a framework for discussion, we use Bergstrom and West's book "Calling Bullshit" along with supplemental readings.

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Requires: Course open to First-Year Students Only

FYSEMR 52R

Course ID: 222111

The Quantum Revolution: from Computing to Time Crystals

2026 Spring (4 Credits)

M 0345 PM - 0545 PM

Instructor Permission Required

Norman Yao

Quantum mechanics is one of the most precisely tested theories in the history of science. Advances in the laboratory are ushering in a so-called "second quantum revolution", making it possible to assemble complex, quantum systems from individual atoms, ions, molecules and photons. But what are such systems actually good for? Participants will explore this question along three axes. In the first four weeks, we will examine whether entanglement – Einstein's famous "spooky action at a distance" – can enable more precise measurements than would normally be allowed in our classical world. In the next five weeks, we will cover the basic pillars of quantum computing; our focus will be on understanding the physical systems from which a quantum computer can be built, as well as the algorithms that it can run. Finally, in the last three weeks, we will investigate what happens when quantum systems are taken far away from thermal equilibrium. We will discover that this opens the door to entirely new phases of matter, including time crystals.

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High school level preparation in physics and mathematics at the level of the advanced placement curriculum; or having taken Physics 15a, 16, or 19 in the Fall.

Requires: Course open to First-Year Students Only

FYSEMR 52T

Learning How to Think Like a Scientist: An Introduction to Scientific Research

Course ID: 222554
2026 Spring (4 Credits)

W 0300 PM - 0545 PM

Instructor Permission Required

Sien Verschave, Daniel Kahne

Science courses are typically structured to teach core concepts about the physical world and the living systems in it. The concepts taught result from decades of scientific research. Research is a process of inquiry that seeks knowledge about important problems that are not understood. Experiencing the intellectual excitement and challenges of performing research can support your long-term career goals regardless of what those are, but how does someone go about creating new knowledge through research? Lab courses teach the mechanics of performing specific techniques, keeping a notebook, and interpreting data, yet they rarely address how new knowledge is generated. How does a scientist know what questions to ask? What makes a question worth spending time and resources on? How do scientists come up with strategies to address these impactful questions? All scientists start by critically evaluating a field, but what does that mean? How do you read a scientific article and analyze their methods and conclusions? How can primary literature effectively help frame the questions in need of answers? This seminar guides students into the world of scientific research and prepares them for a real-world research experience. Through different assignments students learn how scientists think and perform science, while developing critical thinking and reading skills that are especially useful in research. In addition, students get the opportunity to interact with several scientists about their research. Post-Seminar Summer Module: Students who successfully complete this course will have the opportunity to participate in Foundational Undergraduate Experiences in the Laboratory (FUEL), a research program held in the summer of 2026. Necessary supplies and accommodations will be provided to participants

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The prerequisite for this seminar is enrollment in LS1A or LPSA or LS50 in the fall term.

Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 52T (002)

Learning How to Think Like a Scientist: An Introduction to Scientific Research

Course ID: 222554
2026 Spring (4 Credits)

W 0300 PM - 0545 PM

Instructor Permission Required

Venkatesh Murthy, Katie Quast

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Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 52Y

Phases of Matter: Remarkable Changes of Properties By Varying Temperature and Pressure

Course ID: 222509

2026 Spring (4 Credits)

R 0345 PM - 0545 PM

Instructor Permission Required

Isaac Silvera

A gas of atoms or molecules will usually condense into a liquid phase, followed by a solid phase as temperature is lowered. Consider water: vapor, liquid, solid! The solid phase will generally have a crystalline structure (liquid is amorphous or has no long-range order). It can be an insulator, semiconductor, or metal; it can be magnetic or non-magnetic. In this seminar we shall discuss a number of remarkable phases of matter. Below a certain temperature a metal can become superconducting, flow of electrical current without resistance; helium liquifies and at lower temperature becomes a superfluid, fluid flow without dissipation. As temperature is lowered, magnetic moments on atoms in a solid align and one observes a ferromagnetic or antiferromagnetic phase. Not all materials have a solid phase: helium remains a liquid as temperature approaches absolute zero. But, applying pressure causes liquid helium to solidify. We shall discuss not only the materials but the techniques to create high and low temperature, high pressure, and high magnetic fields that affect the phases of matter and how they are studied. We will not carry out rigorous arguments for the behavior of matter, but rather rely on so-called "hand-waving" arguments.

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FYSEMR 52Z

Attention Deficit Hyperactivity Disorder (ADHD): Myths, Media and Meaning

Course ID: 224001

2025 Fall (4 Credits)

W 0300 PM - 0500 PM

Instructor Permission Required

Anne Arnett

This first-year seminar will dive into the science and fiction of attention deficit hyperactivity disorder (ADHD) through engagement with multiple sources, including research articles and reports, social media, news media, psychology guidelines, and clinical cases. We will use these multiple sources of information to explore the controversies about how and when ADHD is diagnosed, differences between males and females, biological and environmental causes of ADHD, rising rates of ADHD, and traditional and alternative treatments. We will approach these issues through a variety of student-led presentations, mock clinical interviews, written critiques, and class debates. Early in the semester, the class will take a trip to Dr. Arnett's laboratory at Boston Children's Hospital to see a demonstration of how electroencephalography (EEG) is used to measure brain activity in children with ADHD. Altogether, the goal of the seminar is to use the topic of ADHD, broadly, to practice reading and understanding scientific articles, think critically about media, work collaboratively with student peers, and learn how to generate scientific hypotheses.

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Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 53F

Course ID: 224512

Big Data, Tall Tales

2025 Fall (4 Credits)

R 0945 AM - 1145 AM

Instructor Permission Required

Andrea Foulkes

Students in this seminar will get their hands dirty playing with data as we explore how to be judicious consumers of it. The huge swaths of data now available allow us to tell stories, big and small, some true and some not so true. With an emphasis on news media representations, we will take a deep dive into thinking about how data are generated, what we can (and cannot) discern from data, and how we can wrangle it to create narratives. Students will learn how to visualize and summarize data using R, an open-source and freely available programming language. No prior experience working with data or programming is required. Emphasis will be on communicating with data. Seminars will emphasize discussions with a focus on public health applications. Students will reflect on seminar content through regular written assignments.

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No prior experience working with data or programming is required.

FAS Divisional Distribution: None

FYSEMR 53G

Course ID: 224632

Literature of Spiritual Crisis

2025 Fall (4 Credits)

W 1245 PM - 0245 PM

Instructor Permission Required

Brian FitzGerald

Some of the most important questions of human existence have emerged out of moments of spiritual crisis: What purpose does suffering have? How does one find meaning in life? What if God or the divine is silent, absent, or uncaring? Literature and the arts have proven to be especially fruitful areas for people not only to explore these religious and philosophical questions but also to offer ways of finding consolation in the midst of crisis. In this seminar we will study a wide range of representations of spiritual crisis and consolation from ancient times up to the present, including works and authors such as The Book of Job, Boethius, Tolstoy, and Annie Dillard. We will consider how personal convictions and religious belief, including indifference and uncertainty, shape characters' responses to crises. In the process we will reflect on the possibilities and the limits of language and artistic expression both to give voice to the depths of spiritual crisis and to imagine the possibilities for consolation.

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FAS Divisional Distribution: None

FYSEMR 53J

Course ID: 224719

The Physics of Floating: A Collaborative Boat Building Experience

2026 Spring (4 Credits)

T 0900 AM - 1145 AM

Instructor Permission Required

Nathan Melenbrink

Have you ever wanted to learn how to transform a concept into a functional product using both traditional craftsmanship and advanced digital fabrication techniques? This seminar is designed as an experiential learning opportunity, where the act of working on a collaborative build project serves as a dynamic avenue to deeply understand core physics concepts. Students will be organized into small teams of 3-4 members, with each team taking on the challenge of fabricating a full-scale wooden boat from provided plans and instructions. By the end of the semester, students will demonstrate the seaworthiness of their vessels by ferrying their team members

across the Charles River. This hands-on project not only teaches students the principles of rapid prototyping and construction but also immerses them in the practical application of crucial physics concepts such as buoyancy, displacement, friction, and force vectors. Furthermore, participants will gain direct experience in a variety of shop skills, from the use of basic hand tools to advanced digital fabrication equipment, including laser cutters, CNC routers, and 3D printers. This seminar aims to equip students with real-world fabrication skills, fostering an environment where creativity and innovation are at the forefront. Beyond the technical skills and knowledge, the seminar places a strong emphasis on building confidence and enhancing team-building skills, critical components in the personal and professional development of students.

Course Note: Student teams will take on the challenge of fabricating a full-scale wooden boat from provided plans and instructions. By the end of the semester, students will demonstrate the seaworthiness of their vessels by ferrying their team members across the Charles River.

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FAS Divisional Distribution: None

FYSEMR 57Z (01)

Unlocking the Power of Immunology – From Fundamental Principles to Innovative Research Routes

Course ID: 224901
2026 Spring (4 Credits)

M 0300 PM - 0500 PM

Instructor Permission Required

Kazuki Nagashima

Immunology stands at the forefront of cutting-edge science, offering game-changing solutions like mRNA vaccines for COVID-19. In today's world, where global challenges demand innovative responses, researchers are eager to delve into the fundamentals of immunology. Yet, navigating the complexities of the field requires more than passive learning; it demands a deep understanding of the immune system and the ability to identify critical questions worth exploring. Welcome to our seminar, where we embark on a journey into the heart of immunology research. Through dynamic discussions and hands-on exercises, students will not only grasp the core principles of immunology but also learn the art of selecting impactful research questions. Our interactive approach fosters active engagement, empowering students to become thinkers and doers in the world of immunology. Join us as we unravel the mysteries of the immune system and ignite a passion for scientific inquiry that will shape the future of healthcare.

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Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 58C

Genuinely Hard Problems in Science

Course ID: 226309
2026 Spring (4 Credits)

W 0900 AM - 1115 AM

Instructor Permission Required

Jeff W. Lichtman, Logan McCarty

This seminar explores some of science's most significant unsolved challenges: Genuinely Hard Problems (GHPs) that have stumped researchers despite their best efforts. To solve these problems, technical execution is not enough—we need true conceptual breakthroughs. Examples include reconciling quantum mechanics with gravity or finding the biological mechanisms that cause mental illness. A key part of the seminar is identifying a GHP that deeply interests you. Each week will feature Harvard faculty whose research is related to these GHPs. Maybe it's the origin of life, dark matter and the structure of the universe, or cracking the code of human aging. They will make a pitch to serve as your academic mentor, and together, you'll plan an undergraduate curriculum focused on building the skills and knowledge you'd need to tackle your chosen GHP. You'll also study historical cases where seemingly impossible problems were solved, often by young researchers with fresh perspectives. By the end of the seminar, you'll have a clearer picture of the scientific landscape and where you might fit into it. We hope that some of you will embark on a tailored academic journey here at Harvard, aimed at equipping you to address some of science's most profound mysteries. No prior scientific expertise is required—just deep curiosity, openness to failure, and willingness to grapple with big ideas.

Course Note: This seminar will meet on Wednesday, 9:15-11:15AM.

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FAS Divisional Distribution: None

FYSEMR 58D

Against Tech?

M 0300 PM - 0545 PM

Eric Gurevitch

Course ID: 226576

2025 Fall (4 Credits)

Instructor Permission Required

Do machines make life easier or more difficult? Do new technologies create jobs or destroy them? Do we lose a part of our humanity when we interact with machines, or do machines help us to understand what it means to be human? What relation—if any—do technological improvements have with economic, political, and moral improvements? These questions occupy many of us living in contemporary America. They are also questions with long histories. We are not alone. In this first-year seminar, we will explore different ways people have raised fears and expressed anxieties over technology. The seminar will not take a stance on whether technology is good or bad. Rather, we will investigate how different people across history have confronted technology and questioned its value. The seminar will encourage students to see themselves as a part of a long history of both excitement and worry over machines and technological life. Along the way, we will explore how people affiliated with Harvard—from Henry David Thoreau to Jacob Bigelow to James Bryant Conant to Lawrence Summers—struggled with machines, technology, and the society around them.

Course Note: There will be a class trip to Walden Pond, Concord MA with no cost for the student.

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Machine Ecology: Autonomous Robots for Environmental Restoration

T 0900 AM - 1145 AM

*Instructor Permission Required**Nathan Melenbrink*

Have you ever wondered how technology and innovation can tackle some of the world's most pressing environmental challenges? In collaboration with the Weathermakers—a pioneering team of scientists and ecologists dedicated to regreening the Sinai Peninsula—this seminar offers an exciting chance to engage directly in a real-world environmental initiative. Together, we will address the critical need for affordable, long-term water quality monitoring devices for Lake Bardawil, a vital lagoon ecosystem in the Sinai. Instead of relying on costly, off-the-shelf equipment, students will creatively leverage cutting-edge techniques in Computer Vision and Artificial Intelligence to develop novel, low-cost sensors capable of monitoring salinity, nitrates, nitrites, and other essential water properties. Throughout the semester, student teams will collaboratively explore vital design considerations, including sensor mobility (anchored vs. roaming), optimal solar panel and battery sizing, data communication protocols, and data acquisition methods. Participants will gain hands-on experience through prototyping and iterative design, using digital fabrication methods such as 3D printing, CAD design, and advanced electronics assembly. Students will rigorously test their buoyant sensor prototypes in the Charles River and nearby brackish environments analogous to Lake Bardawil, ensuring these devices can reliably operate in realistic conditions. This seminar provides an immersive experience blending technology, environmental science, teamwork, and innovation. It aims not only to build practical engineering and design skills but also encourages students to envision how their work can positively impact ecosystems worldwide.

Course Note: During J-Term: as part of this seminar, students will return to campus a week before the start of the spring term, Sat, Jan 17-Fri, 23, 2026. The students will submit their final sensor design to be produced in a small batch (i.e., dozens of units) during the term break. There will be no cost to students for supplies or living expenses.

They will install their newly manufactured sensors in various locations along the Massachusetts coast and evaluate their performance, clearing the way for a subsequent batch to be delivered to the Weathermakers, researchers working at Lake Bardawil, a vital lagoon ecosystem in the Sinai.

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The Life of an Iceberg

R 0300 PM - 0530 PM

*Instructor Permission Required**Fiamma Straneo*

Towering icebergs, adrift in the polar oceans, have long captured our imagination: from the ominous iceberg that sank the Titanic to idioms of a large, hidden part, "the tip of the iceberg". But are icebergs so mysterious? In this seminar we look at icebergs through the lenses of oceanographers, glaciologists, paleoclimatologists, artists and Arctic people. We will visit an ice and sediment core repository to explore what air bubbles trapped in glacial ice and debris carried by icebergs can teach us about past climates. We will analyze satellite images and tagged polar bear data to understand how icebergs fertilize the ocean and provide unique ecological habitats. We will learn how icebergs are an integral part of the life and culture of Arctic communities through their voices and art. Through hands-on projects, field trips, readings, videos and discussions we will use icebergs to explore connections in time, space, across ice sheets and oceans, from glaciers to Arctic ecosystems to learn how to describe a natural system as a whole instead of breaking it up in distinct physical, chemical, biological components. Note: After spring term 2026, [May 17-23 (Sat-Sun), 2026], students will have the opportunity to go on a trip to Iceland to view and study icebergs and glaciers. There will be no cost to students for supplies or living expenses.

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The Quantum Edge of Life

2025 Fall (4 Credits)

T 0945 AM - 1145 AM

Instructor Permission Required

Susanne Yelin

How much of life's complexity is forged by quantum phenomena that usually live in the rarefied world of physics labs? In this First-Year Seminar, we'll explore how coherence, superposition, entanglement, and other quantum effects might manifest in biological processes— from photosynthesis to avian navigation and perhaps even in the workings of the human brain. We'll begin with a high-level introduction to quantum mechanics before digging into lab-based evidence and theoretical models that propose (or refute) the presence of quantum coherence in warm, noisy environments. Along the way, we'll tackle big questions: Are enzymes really harnessing quantum tunneling to speed up chemical reactions? Could "quantum consciousness" be more than speculation? Through discussions and short readings from primary research, you'll assess how much of life's brilliance truly hinges on quantum physics — and how much belongs in the realm of classical biology. By the end, you'll have a new lens on how physics and biology intersect, and where the quantum world might end—or begin—inside living systems.

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FYSEMR 60S

Course ID: 226606

Death: Its Nature and Significance

2026 Spring (4 Credits)

R 1200 PM - 0200 PM

Instructor Permission Required

Jeffrey Behrends

Here's a hard truth: You are going to die. That's nothing against you, of course. I'm going to die, too, and so is everyone else - it's just the way of things for creatures like us. Yet, despite the central role that death plays in our existence, it seems to remain deeply mysterious in a number of ways. It is difficult even to say precisely what death is—is it a mere biological phenomenon? If so, is there any sense to be made of the idea that I might continue to exist after my death, perhaps as a soul? Or is death instead final, in the sense that it causes me to cease existing altogether? Beyond these kinds of questions about death's nature, there are also questions about death's significance or value: Is death bad for the person who dies? If they go out of existence, how could it be bad - things can't be good or bad for us if we don't exist, it seems! Is it better to die at a certain age or time than some other? What should I think about my future death - should I fear it? Would it be better for us if we were immortal? In this class, we'll examine important philosophical work that responds to each of these questions, and more.

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FYSEMR 61F

Course ID: 224556

Cartoons, Folklore, and Mythology

2025 Fall (4 Credits)

R 0300 PM - 0500 PM

Instructor Permission Required

Joseph Nagy

The creators of cinematic (and later TV) animation have perennially turned to traditional oral and literary tales about fantastic heroes, villains, tricksters, and settings for their story material. In the world of the animated "short" and feature-length film, myths, epics, legends, and folktales could come to life in a highly stylized, kinetic, and visually arresting way. Cartooning created a pathway for traditional stories to live on in the consciousness of twentieth-century viewers, and also for these old tales to be adapted to changing times. Hence animation offers not only an influential modern commentary on the folklore and mythology of the past but also a contemporary mythology of its own, deeply meaningful to adults and children alike. In this freshman seminar, students are invited to take what might be considered mere entertainment very seriously, closely reading texts of traditional stories in tandem with critically viewing animation that draws its inspiration from those stories. For a final assignment, each student will be called upon to choose some animation (a short or a clip from a feature-length

film) to share with the rest of the seminar, to provide some background for it, and to lead a discussion of the animation in light of what else we will have seen, learned, and said. While the instructor's contribution to the seminar will primarily focus on animation from 1900 to 1960, students when choosing which sample of animation to share will be welcome to present later or contemporary examples of the cartooning art—including perhaps even their own.

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FYSEMR 62J

Course ID: 226640

Harvard's Greatest Hits: The Most Important, Rarest, and Most Valuable Books in Houghton Library

2025 Fall (4 Credits)

R 0300 PM - 0545 PM

Instructor Permission Required

David Stern

Have you ever fantasized of turning the pages of a Gutenberg Bible with your own fingers? Or a medieval illustrated Book of Hours? Or touching a papyrus fragment of Homer? Or a First Folio edition of Shakespeare? Or seeing close-up Copernicus' diagram of the heliocentric universe? The Houghton Library of Harvard University is one of the world's greatest repositories of ancient scrolls, papyrus codices, illuminated manuscripts on parchment and paper, early printed books, rare books published since the sixteenth century down until today, and stunning prints and other types of graphic art. In this freshman seminar, we will utilize Houghton's extraordinary holdings to study first-hand the history of the book in the West as a material artifact from its beginnings in the ancient Near East down to the present day. Each week we will focus upon a cluster of books. Before class, students will be asked to examine selected books in Houghton's Reading Room as well as online.

During class-time, we will study the books again as a group. Visiting experts will demonstrate how to unroll a papyrus codex, the technology involved in creating a codex and printing on a hand-pulled press, and the techniques modern conservators use to preserve manuscripts and books. You will emerge from this seminar with a heightened understanding of what a rich thing a book is, and so much more than just a text. And you will have seen and studied close-up some of the most visually spectacular and culturally significant books in all Western history.

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FYSEMR 62M

Course ID: 226613

Can Art Inspire Justice?

2026 Spring (4 Credits)

T 1200 PM - 0200 PM

Instructor Permission Required

Sarah Lewis

How do images—photographs, films, videos—create narratives that shape our definition of national belonging? Social media has changed how we ingest images. Protests, state violence, racially-motivated injustice, natural disasters, grief and loss and triumph are all played out in photos and videos in real time unlike anything we thought possible just a few decades ago. Recently, an Executive Order targeted sculptures and monuments to "restore" history. The seminar will wrestle with the question of how the foundational right of representation in a democracy, the right to be recognized justly, is indelibly tied to the work of visual representation in the public realm. The seminar is organized chronologically around case studies to explore the interplay between images and justice at inflection points in American history—emancipation, indigenous conflict, desegregation, Japanese internment, borderland conflict, the long Civil Rights movement, and more. We will consider what effective resistance looks like and how resistance has been documented and commemorated. The aim of this seminar is to develop rigorous skills of visual literacy and critical analysis foundational to being engaged global citizens, and to understand of the opportunities and challenges that technology is presenting to civic life. By the end of the seminar you should be able to argue how images have had persuasive efficacy in the context of social and racial justice movements, critically engage with and contextualize the narratives surrounding images posted online, and problematize our notion of the foundational right to representation in a democracy like the United States.

Course Note: There will be a class trip to Montgomery, Alabama in September/October 2025 that will be at no

cost to the students.

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FYSEMR 63E

Religion, Neuroscience, and the Human Mind

M 0300 PM - 0530 PM

David Lamberth

Course ID: 212784

2026 Spring (4 Credits)

Instructor Permission Required

More than 150 years after Darwin's epochal account of evolution, over 85% of the world's 7 billion people are still religious, and the percentage is growing. What does religion do for human beings? What does an evolutionary and biologically informed understanding of the mind and brain lead us to think about where religion fits in human life? Harvard's first psychologist, William James, engaged these questions in the late nineteenth century, bringing the cutting edge of empirical psychology to the philosophy of religion. Today these same questions animate the field of neuroscience, where researchers are showing how affectivity, emotions, and our evolutionary past come together to form the "self" philosophers have long thought to be primarily "rational." This seminar brings together the thought of James, writing at the turn of the twentieth century, with the work of contemporary neuroscientist Antonio Damasio to ask what kinds of beings we are, how our minds function, and what religion contributes to human individual and societal experience? The seminar takes up the philosophy of belief, affect, and emotion, and touches on the biology of the brain and homeostasis. We conclude by assessing contemporary views of religion from evolutionary psychology (Boyer, Atran) and cultural anthropology (Geertz, Luhmann, Asad) in light of James's and Damasio's models of the human mind.

Course Note: The seminar will run for only 2 hours within the time slot, Monday 3:30-5:30.

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Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 63N

On Peace and Protest

W 0300 PM - 0500 PM

Homi Bhabha

Course ID: 216104

2026 Spring (4 Credits)

Instructor Permission Required

This seminar explores narrative "voice" in a wide range of literary and cultural texts. Narrative voice is a lively dialogue between the author and the reader as they engage in the experience of determining the value and veracity of the narrative: whose story is it anyway? The writer creates the imaginative universe of character, plot, emotions and ideas—she seems to be holding all the cards; but it is the reader who rolls the dice as she draws on her human experience and moral values to question the principles and priorities of the storyteller. The game of narrative becomes deadly serious when storytelling confronts issues of colonialism, slavery, racial profiling and gender discrimination. Is the right to narrative restricted to those who have suffered the injustices of exclusion? What is my responsibility as a storyteller—or a reader—if I am a witness to violence, or an advocate against injustice, but my life-story is one of privilege, protection and security? What is the role of the politics of identity or cultural appropriation in determining whose story is it anyway? Throughout the seminar students will be encouraged to draw on their own histories, memories and literary experiences as they enter into the world of the prescribed readings. For the final assessment I hope students will choose critical and creative ways of telling their own stories, or the stories of others who have captured their imaginations. Seminar participants will be required to come to each class with two questions that pose issues or problems based on the texts that are important for them, and may prove to be significant for their colleagues. I will invite members of the group to pose their questions and start a discussion.

FAS Divisional Distribution: None

Vegetal Humanities: Paying Attention to Plants in Contemporary Art and Culture

2025 Fall (4 Credits)

W 1200 PM - 0245 PM

*Instructor Permission Required**Carrie Lambert-Beatty*

This class invites you to practice a new kind of plant-consciousness. Our guides will be contemporary artists and thinkers who are encouraging new relationships between human and vegetal life, or recalling very old ones. Suddenly, we have plant protagonists, gardens in galleries, and botany-based forms of philosophy, architecture, music and more. Following the lead of these culture-makers and their work, we will draw on the new science of plant communication and learning in this class; uncover plant-based histories and renew ancient understandings of human-plant relations. But plants themselves will also be primary sources, as each student follows a sequence of exercises to deepen understanding of a plant "interviewee"—one they'll grow at home from an unidentified seed. At the same time, we will ask critical questions: with climate crisis upon us, in a time of social inequity, poisonous politics, and mass dislocations, why this attraction to plants? Is the vegetal turn a diversion from tough human problems? Or is there reason to think a cultural change could, even now, change the fate of nature?

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No prior art or botanical knowledge is expected. However students with backgrounds in agriculture, ecology, horticulture, or botany are especially welcome.

Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

Looking for Clues. Ancient and Medieval Art @ Harvard

2025 Fall (4 Credits)

W 1200 PM - 0245 PM

*Instructor Permission Required**Evridiki Georganteli*

Objects are essential primary sources for the study of the past. They are imbued with tales of their makers, of societies in which they took shape, of customs and beliefs that lent them meaning, and of routes that facilitated their dissemination. In this interdisciplinary and highly interactive First-Year Seminar, participants will hone the art of looking through the close-up study and discussion of ancient and medieval ceramics, textiles, and metalwork from the world-class collections of the Harvard Art Museums, the Harvard Museum of the Ancient Near East, and the Boston Museum of Fine Arts. Art-making at the Harvard Ceramics Program will further help us associate these museum objects, detached from their geographical, historical, and archaeological context, with imagery, feelings, and the life of ancient and medieval craftsmen. Ceramics, textiles, and metalwork circulated throughout millennia along routes of trade, warfare, diplomacy, and pilgrimage, transcending linguistic, religious, and cultural borders. The materials and the techniques used in their creation reveal the economic resources, technological know-how, and political agendas of their makers. The reception, appreciation, life and afterlife of these objects shed light on the societies that consumed and treasured them. Looking for Clues. Ancient and Medieval Art @ Harvard is intended for students interested in Classics, History, Art History, Archaeology, Folklore and Mythology, Comparative Literature, Political Science, Economics, and the Study of World Religions. Handling sessions, group discussions, art-making, and a research paper on a choice object or a group of objects from the Harvard Collections offer students a sense of immediacy and appreciation of world cultures.

Course Note: The seminar will begin at 12:15pm in HAM, Art Study Center 4400. Seminar students will have opportunities to study actual objects in handling sessions at the museums.

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FAS Divisional Distribution: None

Fun With Writing... or, Writing for Weirdos

2026 Spring (4 Credits)

R 0345 PM - 0545 PM

*Instructor Permission Required**Phillip Howze*

Writing can be fun. Writing can be weird. By "writing", we don't only mean the act of putting pen to paper, or fingers to computer keys to type. Writing is the conscious act of choosing words or texts or images and composing them in such a way to create an intended effect. Yes, writing is a deliberate and emotional process... but not one which has to be necessarily painstaking. What if, first and foremost, writing was fun? This is the question we'll explore and enact while getting to know our fellow classmates in this generative, art-oriented freshman seminar. We'll read obscure yet celebrated writers whose work is distinctly wild, unconventional, compassionate, and opaque. In addition, each week we'll create both individually and together, engaging methods of writing across a variety of forms – from gaming and poetry to food and stage plays – to reacquaint ourselves with the weird joys of what it might mean to craft ourselves creatively, personally, politically, and collaboratively with one another. Come prepared to break the rules.

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Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

Caravaggio and the Beginning of Modern Art

2025 Fall (4 Credits)

W 1200 PM - 0230 PM

*Instructor Permission Required**Peter Burgard*

Michelangelo Merisi da Caravaggio, known simply as Caravaggio, in a career of less than two decades at the turn of the 17th century, revolutionized the art of painting: 1) through his dynamic naturalism — the extraordinary plasticity of his figures, the psychological authenticity of their expression; 2) through his extreme exploitation of the deception inherent in naturalism; 3) through his chiaroscuro, a radical new use of light and dark in both harmony and tense conflict with one another; and 4) through a number of novel compositional methods that break the boundary between painted scene and viewers, thus involving the viewer in his works in a way no artist before him had. These artistic practices lend his figures and his canvases an unheard-of presence, bringing them to life for us. His art paved the path for countless artists central to Western and contemporary art, including Rubens, Vouet, Ribera, de la Tour, Bernini, Velázquez, Rembrandt, Vermeer, Goya, David, Turner, Delacroix, Courbet, Manet, Cézanne, Renoir, Gauguin, Sargent, Picasso, Hopper, Schiele, Dali, Scorsese, Jarman, Placido, Sherman, Fischnaller, Doig, Dalla Venezia, Collishaw, and O'Connor. In this seminar, besides working on how to analyze paintings, we will examine the majority of Caravaggio's oeuvre, from the early secular paintings through his revolution in religious painting, which reached its height in Rome between 1598 and 1606 and then took on other characteristics as he moved to Naples, then Malta, then Siracusa, then Messina, then back to Naples, before he died in 1610 at the age of 39. We will be primarily concerned with 1) the nature and art of his naturalism, 2) how he disturbs that naturalism even as he creates it, 3) how his naturalism itself becomes disturbing, and 4) how this disturbance, particularly in the religious paintings, takes on the quality of double entendre, as the eroticism that characterizes his work from early on develops into sometimes shockingly sexualized treatments of religious scenes and narratives, so that, rather than occupying a "middle ground between the sacred and the profane," as a seventeenth-century bishop said of his work, Caravaggio can be seen to have inflected the sacred with the profane, producing a frisson that — along with his brilliant, and dark, naturalism — makes him ever of current interest.

Course Note: The seminar will actually begin at 12:30pm.

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There are no prerequisites and no experience in the study of art is required or assumed.

FAS Divisional Distribution: None

What is it Like to Not Be Human? Metamorphosis in Myth & Poetry

2025 Fall (4 Credits)

M 0300 PM - 0500 PM

*Instructor Permission Required**Daniel Carranza*

If trees could speak, what would they say? How does that annoying fly buzzing around perceive the room you both inhabit – perceive you? And what kind of traumatic shock could transform you into a mute tree? Or lead you to wake up and discover you have become an insect? In this seminar, we will explore how living things undergo metamorphosis in mythic narratives, poetry, and visual art. How does the Western mythic tradition from Ovid to Kafka imagine such jarring, even violent, self-transformations? In what ways do organisms already metamorphose in remarkable ways that defy observation? Do the environments of different species appear radically different to each? And how might we make sense of this interplay between radical transformation and obstinate persistence in natural and cultural 'environments' alike?

Course Note: The seminar will involve excursions that take advantage of 'on-site' resources in proximity to campus, e.g. observing glass flowers and rotting fruit at the Harvard Museum of Natural History and communing with categorized trees at the Arnold Arboretum.

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FAS Divisional Distribution: None

Stories of Gender and Justice

2025 Fall (4 Credits)

T 1245 PM - 0245 PM

*Instructor Permission Required**Karen Thornber*

With gender inequities and biases pervasive within and across cultures worldwide, and the global pandemics of gender-based violence and structural violence further intensified by the Covid-19 pandemic, how have individuals, groups, communities, and nations globally fought for (and against) gender justice? How have struggles against gender injustice intersected and conflicted with struggles against racial, ethnic, environmental, health, LGBTQIA+ and other forms of injustice? Gender justice, as is true of justice more broadly, is often discussed in the abstract, or as a matter of law, political history, protest movements, enfranchisement, and similar phenomena. Yet at its core, justice involves individuals and their experiences – both their suffering and their triumphs – experiences most directly accessed through stories. In this seminar we'll explore a range of stories and different forms of storytelling on gender justice, from novels and films to memoirs/personal histories, histories, and creative nonfiction. Some narratives with which we will engage are Margaret Atwood's *The Handmaid's Tale*, Ito Shiori's *Black Box: The Memoir that Sparked Japan's #MeToo Movement*, Audre Lorde's *The Cancer Journals*, Cho Nam-joo's *Kim Jiyoung, and Cherrie Moraga and Gloria Anzaldua's This Bridge Called My Back: Writings by Radical Women of Color*. Students will be encouraged to write their own stories on gender and justice.

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FAS Divisional Distribution: None

Deciding What (and Who) to Believe

2025 Fall (4 Credits)

W 1245 PM - 0245 PM

*Instructor Permission Required**Zoe Johnson King*

It's hard to know what to believe these days. Information – or perhaps misinformation – bombards us at all times, but assessing the reliability and trustworthiness of our sources is notoriously difficult. Sometimes it seems as though different groups of people inhabit different worlds, with precious little common ground on precisely the matters that they each take to be most important. These phenomena have not escaped the notice of contemporary epistemologists; that is, philosophers who are interested in investigating the nature of knowledge,

rationality, and justification. In this seminar we will read recent work on what one might call "applied" epistemology, touching on a broad range of contemporary social issues that are, at their core, epistemological issues. We begin by examining two questions in traditional epistemology that have recently skyrocketed to cultural prominence: the question of how to respond to disagreement with people who seem just as smart and well-informed as you are, and the question of whether pointing out factors that influence your beliefs but seem to have nothing to do with their truth should have a debunking effect. We will then use these concepts to explore a smorgasbord of hot topics in contemporary applied epistemology; topics covered include fake news, echo chambers, distrusting scientists, motivated reasoning, epistemic benefits that arise from marginalization, and responsibility for one's own and others' ignorance. Throughout, we place particular focus on distinguishing cases in which people believe badly from cases in which responsible believers are unwittingly and unfortunately led astray.

Course Note: There will be two special events associated with the seminar. First: we will have a special guest visit from Michael Rain, (<https://www.michaelra.in/>) who studies the flow of (mis)information through informal communication channels, such as WhatsApp, used by immigrant groups. Second: the seminar will culminate in a mini-conference at which students will present their own views on contemporary epistemological issues of their choosing.

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FAS Divisional Distribution: None

FYSEMR 65J

Who Do You Think You Are?: The Ethics of Identity

M 0945 AM - 1145 AM

Jay Harris

Course ID: 222523
2025 Fall (4 Credits)

Instructor Permission Required

Personal identity is, to say the least, a slippery concept. Yet insofar it constitutes who and what we are—whether it is explicitly acknowledged or not—identity has deep ethical and political implications, and "identity politics" is one of the most significant contemporary dimensions in political and social thought. This class, which is structured around Anthony Appiah's 2005 book *The Ethics of Identity*, delves into the ethical, social, and political questions around identity. Each section of the book will be complemented by readings that put the issue in a larger context. These texts include a few of the foundational philosophical works for contemporary debates around identity, contemporary philosophical analyses of the underlying issues, and critiques of the discussion of identity as understood by philosophers like Appiah. The purpose of the seminar is not to try to answer the questions, but to have a rich and open discussion of the issues, and help shape a richer and more nuanced private and public deliberation on identity and ethics beyond the classroom.

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FAS Divisional Distribution: None

FYSEMR 65S

Catholic Thought for Contemporary Challenges

M 1200 PM - 0245 PM

Karin Öberg

Course ID: 224496
2025 Fall (4 Credits)

Instructor Permission Required

Does God exist? If yes, what or who is God? Where does the Universe come from? Are we alone in the Universe? What is a good life? Are there universal human rights? Can wars be just? What makes a good leader? This seminar will use texts and art from the Catholic intellectual tradition to explore how Catholic thought can be applied to contemporary challenges, as well as areas where there may be tension between such thought and contemporary ideas. While the seminar addresses the thought from one particular religion, it does not assume any prior knowledge of Catholicism, much less religious belief. Rather, this seminar is for the curious, who are interested in engaging with the Catholic intellectual tradition, and exploring how its ideas interact with contemporary life. These ideas will be presented through a combination of original texts, more recent essays, art, music, architecture, and movies. Due to the wide range of texts and subjects covered, this seminar relies on several guest lecturers that have expert knowledge in particular aspects of Catholic thought.

Course Note: No prior knowledge of the Catholic tradition needed.

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FAS Divisional Distribution: None

FYSEMR 66D

Detention, Deportation, and Due Process: A Look at the Inner Workings of the U.S. Immigration System

Course ID: 226238
2026 Spring (4 Credits)

R 0900 AM - 1130 AM

Instructor Permission Required

Philip Torrey

The public discourse on immigration is widespread and divisive. If you have ever wanted to know more about how our immigration system operates, then this seminar is for you. The goal of the seminar is to teach students in an interactive and welcoming environment the basic aspects of U.S. immigration policy. The seminar will cover the history of immigration policy, including immigration detention and the role that criminal law policies have played in shaping our current immigration system. The seminar also offers students interested in potentially attending law school the opportunity to work with a Harvard Law School faculty member and learn how immigration policy has been shaped by lawyers and other advocates.

Course Note: The seminar will meet at 9:30-11:30am.

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FYSEMR 66D

Detention, Deportation, and Due Process: A Look at the Inner Workings of the U.S. Immigration System

Course ID: 226238
2025 Fall (4 Credits)

R 0900 AM - 1130 AM

Instructor Permission Required

Sabrineh Ardalan

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FAS Divisional Distribution: None

FYSEMR 66E

Animals in Religion and Mythology

Course ID: 224718
2026 Spring (4 Credits)

W 0300 PM - 0500 PM

Instructor Permission Required

Kimberley Patton

In the early 20th century, an Inuit elder said, "In the very earliest time, when both people and animals lived on earth, a person could become an animal if he wanted to and an animal could become a human being. Sometimes they were people and sometimes animals and there was no difference. All spoke the same language." What has happened since that "very earliest time"? Is that time closer today or further away? Together we will encounter some of the symbolism, ritual, and beliefs involving animals in world religions and mythologies. We will study the role of animals in "global" as well as Indigenous religions and sacred histories, as well as consider some relevant research in animal behavior, cognition, language, and consciousness. Some topics include the role of animals in sacred art and storytelling, the creation of the world and the apocalypse, magic, metamorphosis, prophecy, ethics, hunting, sacrifice, vegan and vegetarian eating, and fantastic creatures.

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FYSEMR 66F

Course ID: 224940

The Individual and the Social

2026 Spring (4 Credits)

T 1245 PM - 0245 PM

Instructor Permission Required

Quyen Pham

How are we related to the groups that we are part of? How do we keep our individuality while sharing a common identity? What opportunities and challenges arise as people come together to form something greater than themselves? We will explore this special relation between the individual and the social, and its conceptual and practical implications for our life and society, through various philosophical perspectives on issues from metaphysics and epistemology to ethics and politics, while drawing insights from biology, psychology, sociology, economics, and more. Our investigation of the social will start small. What does it mean for two people to walk together, or to belong in a circle of friends? What does it take for a rock band or sports team to stay the same over time? How does a committee make a decision when members disagree? Can a company be responsible for something while none of its associates is? We will then turn to larger groups and bigger issues. Can we better explain our behaviors and experiences by thinking not just about our personal qualities, but our positions as members of particular classes, genders, or races? What kind of harm or wrong is done when people are placed into one category or fail to be placed into another, or when the world is designed for some kinds of people but not others? And how do answers to these questions help us make sense of current societal structures and work to change them for the better?

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FYSEMR 66G

Course ID: 226237

Paris

2026 Spring (0 Credits)

M 0945 AM - 1145 AM

Instructor Permission Required

Hannah Frydman

Paris is one of the most visited cities in the world, drawing millions of visitors annually. What are they drawn by? Images and imaginings of the city—in art, literature, music, film, journalism, architecture, city planning, and more—have built the reputation of Paris as a City of Light, City of Art, and City of Love. In this class, we will explore Paris as portrayed by a diverse range of artists, authors, planners, and creators from France, America, and France's former colonies, analyze the power of these depictions, and, together, build our own representations of this culturally and historically important city.

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Fanfiction

2025 Fall (4 Credits)

T 0945 AM - 1145 AM

Instructor Permission Required

Anna Wilson

Fanfiction is one of the most popular forms of literature today, with fourteen million stories hosted on just the Archive of Our Own (one of the major digital fanfiction archives). Including unauthorized continuations and transformations of popular media texts, fanfiction is written primarily by young women and non-binary fans, and published online. We will dive into fanfiction's past and present, learning about the history of copyright, early print zine fandom, and fanfiction in the digital age. Through studying fanfiction, students will explore a variety of methods for studying culture, including literary analysis (how do fanfiction writers achieve certain effects? Does fanfiction have its own style?), platform analysis (how does Wattpad work differently from the Archive of Our Own, and how do these differences shape engagement and community?), and historical analysis (what did early fanzines look like? What can they tell us about the communities who produced them?). We will also explore fanfiction as a genre of creative response: in what ways can a story criticize, develop, or explain a piece of media that an essay cannot? Students will have the opportunity to choose their own final assignment, which can include doing research into fanfiction history, analyzing fanfiction, or writing a piece of fanfiction. Fandoms discussed may include: Sherlock, Harry Potter, The Untamed, Supernatural, Star Wars, Star Trek, Marvel, DC, Pride and Prejudice, The Lord of the Rings, Sherlock Holmes, ACOTAR. While there is no prerequired reading, familiarity with one or more of these popular media franchises is recommended.

Course Note: The syllabus will be a flexible document. On many weeks, we will be reading one or more short fanfiction stories, but those are not yet specified on the syllabus. Because of the unique nature of fanfiction, it is desirable that students all be familiar with the original sources of the stories, but these are often too extensive to require them as prior reading for the seminar. Therefore, the professor will select and assign fanfiction stories in consultation with students that are appropriate for the week's discussion, after polling the students on their interest and prior exposure to different popular culture texts. Students may have a role in nominating weekly readings. All selected fanfiction readings will be "short story" length – less than 10,000 words.

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FAS Divisional Distribution: None

Is Being Good Actually Good for the Body?

2025 Fall (4 Credits)

T 0300 PM - 0500 PM

Instructor Permission Required

Immaculata De Vivo

Did you know that kindness is good for your health? Did you know that happiness is contagious? Did you know that music lowers your cortisol levels? The science is in! This seminar will examine how the biology of prosocial behaviors shows how kindness and optimism improve overall well-being in profound and demonstrable ways. We will delve into a revolutionary approach to health, longevity, and quality of life and explain the scientific evidence that supports this work. The class will investigate five fundamental values of prosocial behaviors — kindness, optimism, forgiveness, gratitude, and happiness — and collectively engage in six essential strategies for cultivating these values—relationships, nutrition, physical activity, meditation, music, and nature. Along the way we will read the scientific data that reveals the impact such behavior has on biology, particularly on telomeres, the parts of DNA that serve as biomarkers of aging. While DNA is mostly immutable, telomeres are influenced by our choices. This seminar will discuss evidence that what is commonly ascribed to "spiritual" well-being has a clear and direct impact on physical health, helping to buffer premature aging and decrease the incidence of chronic disease.

Course Note: This is a Radcliffe First-Year Seminar and will include optional co-curricular activities related to the seminar topic. The seminar will be held at the Radcliffe Institute, Fay House, Sheerr Room, 10 Garden St.

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FYSEMR 66J

Making Monsters in the Atlantic World

T 1200 PM - 0245 PM

Cecile Fromont

Course ID: 226561
2026 Spring (4 Credits)

Instructor Permission Required

How and why are monsters made? What can visualizations of monsters tell us about how Otherness is constructed, contested, and critiqued? What do monsters tell us about human oppression, agency, and cross-cultural encounters? In this seminar, we will use historical analysis of visual and material culture through the charged site of the "monster" in the Atlantic World (Africa, Latin America, and Europe) to hone in sharper visual analysis skills, a critical awareness of the many-sided discourses on monstrosity, and a deeper understanding of Atlantic history. Our seminar will make robust use of Harvard's collections to observe, analyze, and discuss in person artworks, rare books, maps, in conjunction with the scholarly and theoretical approaches they have engendered over the centuries. Our intellectual journey will follow a diachronic and thematic trajectory with special attention paid to Atlantic Africa, Latin America, and the Iberian Peninsula from circa 1500 to today. The goal for the seminar is to interrogate how monsters create and disrupt social categories. As the perpetually constructed Other—that which exists outside of and breaks with culturally-defined norms—monsters and their depictions provide a uniquely appropriate site for investigating multiple perspectives on questions related to imagination, race, gender, violence, sexuality, and sanctity.

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FYSEMR 66K

The Philosophy of Laughter

W 1245 PM - 0245 PM

Peter Gordon

Course ID: 226575
2025 Fall (4 Credits)

Instructor Permission Required

Stop me if you've heard this one before. In this seminar we will pursue one of the most puzzling features of human life: our capacity for laughter. What do we find humorous and why? Drawing upon multiple disciplines, from philosophy to neurology, and from psychoanalysis to sociology, we will explore multiple explanations for why we laugh and whether humor is distinctive to human beings. We will explore Rembrandt's laughter and Haydn's wit, the sacred "folly" as discussed by the humanist Erasmus, and the hostility of humor as theorized by Freud. Readings will include selections from various early modern and modern philosophers, with occasional appeals to historians of art, musicologists, sociologists, and scientists. If we are fortunate, we will also call upon the expertise of a chimpanzee.

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FYSEMR 66L

Seeing and Being Scene: Photography, Power, and Liberation in Africa

W 0300 PM - 0515 PM

Marius Kothor

Course ID: 226577
2025 Fall (4 Credits)

Instructor Permission Required

Our world is saturated with photographs. We are photographers, photographed people, and participants in the "event of photography." But what are photographs exactly? What does it mean to look at a photograph? How does the camera articulate, reflect, and (re)produce social relations and relations of power? In this seminar, we will consider the history of photography in Africa as a practice with both liberatory and oppressive potential. By the end of the semester, students will gain a deeper understanding of the social worlds photographs produce and how photographs both illustrate and constitute particular historical moments. Students will walk away from this seminar with a greater sense of what it means to see and be part of a photographic scene. We will use some of our seminar time to visit museums and archives to examine photographs in local collections. The seminar will

culminate in a final project in which students will work in groups to design and showcase a mini photographic exhibit on campus. The exhibit will be accompanied by a 10-page analytical essay.

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FYSEMR 66M

Harvard Collects: Exploring History and Culture in Museums, Libraries, and Archives

T 1200 PM - 0245 PM

Chloe Chapin

Course ID: 226766
2026 Spring (4 Credits)

Instructor Permission Required

Harvard's libraries, museums, and archives are some of the oldest and largest in the world, with more than 2 million museum objects, 20 million books, 22 million specimens, and 400 million manuscript items. Why does Harvard have so many things? In this class, we will explore the history, culture, and purpose of Harvard through its collections. We will put our in-person examination of material objects in conversation with current thinking on relationships between humans, things, and places. In weekly field trips to Harvard museums, libraries, and archives, we will conduct in-person, (sometimes) hands-on examinations of first editions, extinct animals, revolutionary technology, art masterpieces, maps of ancient worlds, personal diaries, homework assignments from former Harvard students, and everyday objects that people around the world made, used, loved, and lost. In this class, you will be asked to create a proposal for your own museum exhibition, using objects and archival material to tell your own story. Short weekly assignments will help you build skills in archival research, object analysis, developing research questions, academic writing, and editing. By thinking through things, you will also develop strategies for asking questions about who and what have not been collected.

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FYSEMR 66N

Humans at Play

T 0945 AM - 1145 AM

Ekaterina Pirozhenko

Course ID: 226637
2025 Fall (4 Credits)

Instructor Permission Required

We will play with the word "play." What do we play (an instrument? a game?), who do we play (an enemy? a friend?), where do we play (at home, on stage, in the park?) What makes us winners and losers? This seminar will explore various approaches to games and humans at play. We will try to understand why and how people play; why we have fun while playing; why we prefer some games to others. Interdisciplinary in nature, the seminar will offer readings from areas of transactional analysis, psychology, mathematics, literary and cultural studies. By reading, analyzing, and playing with Souvik Mukherjee, Johan Huizinga, Miguel Sicart, Sigmund Freud, E.T.A. Hoffmann, Julie Wosk, Stefan Zweig, Eric Berne, and Yoko Tawada, we will make connections between games, play, national identity, gender, race, class, and intelligence, and will construct arguments about various scholarly and fictional written and cinematic texts

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FYSEMR 66O

Ukraine: Culture, Power, War

Course ID: 226638
2025 Fall (4 Credits)

Bohdan Tokarskyi

Ukraine has captured the world's attention in recent years – but how much do you know about this country beyond the headlines of war? From Crimea to Chernobyl, from Gogol to Soviet dissidents, from Kyivan Rus to the Russo-Ukrainian war, this seminar explores the cultural history of Ukraine and the power of culture in resisting domination. Along the way, we will read banned poetry, explore rare archives, talk with scholars and artists, and watch films that bring Ukraine's past and present vividly to life. No background knowledge required—just curiosity and a willingness to ask how culture can become a form of resistance.

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FYSEMR 66P

Course ID: 226636

Jews in the Modern Middle East and North Africa, 1800-present

2025 Fall (4 Credits)

R 0945 AM - 1145 AM

Instructor Permission Required

Jessica Marglin

Not so long ago, nearly every corner of the Middle East and North Africa was home to thriving Jewish communities who spoke dialects of Arabic, Persian, and Spanish, among other languages; who professed their loyalty to Ottoman sultans, the beys of Tunis, or the sultans of Morocco; and who thought, dreamed, loved, and died according to the rhythms of Muslim-majority societies. Starting in the mid-twentieth century, Jews began leaving the Middle East and North Africa in increasingly large numbers—heading to the new state of Israel, to Europe, or to North and South America. Today, very few Jews live in the region outside of Israel/Palestine, though the memory of their presence remains vibrant in many places. The conflict in Israel/Palestine often casts more shade than light on the history of Jews from the Middle East and North Africa. Alongside the mass departure of Jews from this region, current politics can make enmity among Jews and Arabs (and/or Muslims) seem inevitable. This seminar encourages students to resist seeing the past through the lens of the present, and instead to consider how Jewish communities navigated the rapid pace of change in places where Jews had lived for centuries. Students engage with an array of primary sources, from novels to popular music. Rather than focusing on "the conflict," this seminar engages with a lesser-known dimension of both Jewish and Middle Eastern histories.

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FYSEMR 66Q

Course ID: 226740

The Search for Life in the Universe

2025 Fall (4 Credits)

R 0300 PM - 0500 PM

Instructor Permission Required

Andrew Vanderburg

For millennia, humans (perhaps including yourself) have looked up at the stars and wondered if any of them have planets like Earth, and if so, whether those planets might host life. Now, we know that planets are common outside the solar system, and for the first time in human history, we have the technological capability to search for life beyond Earth. But where should we look first? What kind of measurements should we make? And if we do find life, would we even recognize it? In this seminar, which requires only high school level knowledge of math and science, you will immerse yourself in the search for life beyond Earth. You will learn to use telescopes to observe the cosmos, dive into data from a NASA space telescope to spot planets outside the solar system, and learn to navigate and extract information from primary source documents. Over the course of the semester, you will gain an intuitive understanding of the techniques that could reveal its presence, and grapple with strategic questions about how to maximize the chance we can answer one of humanity's oldest questions: Are we alone?

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FYSEMR 70K (01)

Course ID: 203014
2025 Fall (4 Credits)

Morality, Leadership, and Gray-Area Decisions

T 0945 AM - 1145 AM

Instructor Permission Required

Joseph Badaracco

Everyone with serious responsibilities, at work and throughout their lives, faces gray area decisions. In organizations, these highly uncertain, high-stakes decisions are delegated upward, to men and women in leadership positions. They have to make final decisions on these problems, despite the gray, and these decisions test their competence and their humanity. This seminar offers a variety of important perspectives on gray-area problems and on ways to resolve them, responsibly and effectively. The seminar begins by examining gray area problems in various professions and lines of work. Subsequent sessions focus on three different ways of resolving gray area problems – in terms of accountability, character, and action. A typical session of the seminar will draw upon classic works of fiction, basic ideas in moral philosophy, and contemporary situations. These situations are typically described in short case studies involving men and women early in their careers, and they give students in the seminar the opportunity to grapple with these problems in personal terms – by discussing what they would do in these situations. From time to time, students will write short papers, which will be discussed in the seminar.

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Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 70Z (01)

Course ID: 205179
2025 Fall (4 Credits)

Regulating Online Conduct: Speech, Privacy, and the Use and Sharing of Content

R 0900 AM - 1100 AM

Instructor Permission Required

Christopher Bavitz

In the course of a few short decades, the Internet has become integral to significant swaths of human experience. It has radically altered modes of interpersonal engagement, democratized access to tools of mass communication, and changed the role of gatekeepers that traditionally controlled access to music, video, and other media. Given the breadth of its impact, it is not surprising that the Internet has pushed the bounds of legal doctrines that govern speech, privacy, and the creation and exploitation of content. Mass-scale online distribution of copyrighted works tests the limits of legal doctrines developed in an era of physical copies. Age-old tensions between privacy and the right to free expression have been exacerbated in cases where one's right to speak bumps up against the desire of another to keep information private. And, the ability to share—and, thus, to consume—extraordinary amounts of personal data has impacted government (which collects and uses data for purposes of law enforcement) and private companies (which collect and use data for purposes of advertising and monetization). This seminar will provide an overview of legal doctrines that govern the online conduct of individuals and institutional actors. It will address the rights and responsibilities of the intermediaries that mediate many of our online activities – social networks, cloud-based storage services, email providers, and the like. Students will consider old and new legal frameworks and the ways in which the law informs strategic decisions for those that operate online. The seminar will address some of the most important and complex policy debates of our day—regarding the proper scope of intellectual property protection; the balance between a robust environment for online free expression and a desire to protect against harmful speech; and the ways in which the law addresses privacy vis-à-vis both government and private actors. Readings and in-class conversations will cover legal cases and case studies, offering students a high-level view of the technical, legal, and business landscape and allowing them to delve deeply into particularly difficult sets of problems concerning the regulation of online conduct.

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Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 71C

Course ID: 205180

Law and Social Change: How Reform Movements Leverage the Law

2026 Spring (4 Credits)

T 0300 PM - 0500 PM

Instructor Permission Required

Tomiko Brown-Nagin

Legal realists and critical theorists have long argued that the law is a byproduct of society. "The life of the law has not been logic; it has been experience," Justice Oliver Wendell Holmes famously wrote. Focusing on the prospect of achieving racial justice through law, political science warned that law would never hover like a "protecting angel" over oppressed racial minorities. For it would always reflect the dominant social order and sympathy for outsiders should never be assumed. On the other hand, proponents of a Dynamic View of the U.S. Supreme Court argue that it has repeatedly been a catalyst of social change in the United States. Still others, asserting that the law is "everywhere," decenter the Court and focus on the myriad ways, direct and indirect, that law, broadly defined, can be a tool of change. This seminar defines law broadly; and it considers the idea of experience—including events and people external to the legal system—affecting the law and creating social change. It discusses how social movements—groups of citizens mobilized in support of a cause—deploy the Constitution and other types of rights talk to "frame" disputes and move forward their agendas. Seminar participants will discuss how movements crystallize grievances, mobilize supporters, demobilize antagonists, and attract bystander support by referencing constitutional rights and other ideas about law. It also considers the effectiveness of movements' legal strategies. The seminar considers these questions in relation to several well-known social reform movements—including abolitionism, the civil rights movement, the women's liberation movement, 20th century populism, MeToo, and Black Lives Matter—as points of departure for discussion.

Course Note: This is a Radcliffe First-Year Seminar and will include optional co-curricular activities related to the seminar topic. The seminar will be held at Radcliffe, Dean's Conference Rm, 2nd Fl, 10 Garden St.

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Requires: Course open to First-Year Students Only

FYSEMR 71G

Course ID: 207507

Americans at Work in the Age of Robots and Artificial Intelligence

2025 Fall (4 Credits)

W 0300 PM - 0500 PM

Instructor Permission Required

Benjamin Friedman

Where will the coming generation of Americans (say, today's 18-year-olds) find jobs? And will the jobs be worth having? People have worried about losing their jobs to technology at least since the Luddites 200 years ago. In the aggregate, they have been wrong. The automobile put lots of stable boys and saddle makers out of work, but it created vastly more jobs making cars, and fueling them and repairing them, and it opened the way for whole new industries like roadside motels and restaurants. With robots increasingly performing the tasks once done by blue-collar labor, however, and computers and artificial intelligence now eliminating the need for many workers once thought to be immune because of their cognitive skills, today's technological threat seems different. It is no longer just the unskilled and undereducated whose jobs are at risk. Moreover, the challenge may be especially acute in America, where wages are far higher than in many other countries and an ever greater share of what we consume and invest not only can be provided from overseas but often is. Does the next generation of Americans, then, face a genuine threat from advancing workplace technology? If so, what are the dangers – not just economic, but social, political, even moral – to the country as a whole? Most important, what can we do about it?

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Requires: Course open to First-Year Students Only

FYSEMR 71M

Global Capitalism: Past, Present, Future

W 0600 PM - 0800 PM

Sophus Reinert

Course ID: 224631

2025 Fall (4 Credits)

Instructor Permission Required

Few forces have shaped the world over the past millennium more than capitalism has, yet few terms remain more elusive and more divisive. Today, less than half of young Americans view capitalism positively, and calls for alternatives are becoming ever more frequent. Why? And why have different forms of capitalism led to such unequal outcomes around the world? What is capitalism, really; what has it been, and what might it be? This seminar takes students on a journey to explore the past, present, and future of various forms of capitalisms, globally and beyond, introducing them to theories and frameworks to help make sense of the world in which they live, and where it might be headed. This seminar introduces students to the Socratic teaching method used in the Harvard Business School and is based on case studies covering the vast epic of capitalism. In addition to discussing the past, present, and future of global capitalism, the seminar will familiarize students with basic concepts of macroeconomics as well as tools, such as balance of payments analysis and national economic accounting to prepare them for lives of active global citizenship. The seminar will, at times, meet at Harvard Business School in order to make use of Baker Library's extraordinary collection of materials relating to the histories of business, capitalism, and political economy.

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FAS Divisional Distribution: None

FYSEMR 71R

Dilemmas in the World's Economy

W 0300 PM - 0500 PM

Elhanan Helpman

Course ID: 212698

2026 Spring (4 Credits)

Instructor Permission Required

Standards of living vary greatly across countries, they rise fast in some and slowly in other. Economic growth has historically been related to the expansion of international commerce as well as industrialization and institutional reforms. How does a country's well-being and growth depend on its trade partners? Is globalization in the form of international integration desirable? Do all income classes benefit from globalization? What role do trade policies play in shaping the benefits and costs of globalization? We will discuss the historical evidence on economic growth, the expansion of commerce, and the evolution of trade policies. We will also discuss the nature of these processes and the interdependence between them. Using this knowledge, we shall discuss the pros and cons of globalization and the tradeoffs faced by policy makers. These tradeoffs will be illustrated with contemporary policy debates concerning tariffs and free trade agreements. Finally, we will discuss the impact of globalization on inequality within countries and in the world economy.

Course Note: This seminar will meet for only 2 hours within the time block.

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Requires: Course open to First-Year Students Only

FYSEMR 71X

Fat Talk and Thin Ideals: Culture, Social Norms and Weight

R 0945 AM - 1145 AM

Anne Becker

Course ID: 224572

2025 Fall (4 Credits)

Instructor Permission Required

In 1995, the Fiji Islands were one of the last places on the planet to receive broadcast television. Within just three years, body weight ideals had transformed from large to thin and purging had become as common in Fijian high school girls as in their Massachusetts counterparts. How can we understand what happened in Fiji? And,

likewise, how did heaviness in the U.S. migrate from signifying prestige to stigmatizing? In this seminar, we will examine the bio-social dimensions of disordered eating and being overweight as well as the volatility of weight ideals and their enduring moral salience. We will draw from anthropological and clinical perspectives to explore the rapidly shifting landscape of body shape ideals in the U.S. over the last century, the arrival of eating disorders in the Global South, the medicalization of obesity, and the emergence of pervasive weight stigma—as manifest in 'fat shaming' and even in policy interventions that have had unintended consequences. We will ask what the social structural determinants of obesity are, as well as how social adversities relating to the built environment, toxic food environment, climate change, and food deserts are embodied. We will examine variation in how the body is cultivated for self-presentation across diverse cultural contexts alongside evidence that the media have accelerated the globalization of thin ideals. We will conclude by considering both emerging threats inherent to pervasive social media platforms and digital photo-shopping as well as potential opportunities to reset social norms through social movements and policy.

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FAS Divisional Distribution: None

FYSEMR 71Y

Rituals and Living the Good Life

R 0945 AM - 1145 AM

Michael Norton

Course ID: 212785
2025 Fall (4 Credits)

Instructor Permission Required

Why do we knock on wood for good luck? Why do we put birthday candles on cakes? Why do some cultures use black at funerals while others use only white? Why do teams perform team cheers before games? This class will explore the psychology of rituals – those odd, seemingly meaningless behaviors that research shows influence our psychology in profound ways, making the mundane meaningful: dull morning routines can instead get us "ready for our day" and rote work meetings can instead improve team cohesion and performance. We will explore rituals in domains ranging from performance anxiety to team effectiveness, from enhancing consumption to improving health—in our daily lives, our work lives, and even when trying to cope with family during the holidays.

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Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 71Y (002)

Rituals and Living the Good Life

R 1245 PM - 0245 PM

Michael Norton

Course ID: 212785
2026 Spring (4 Credits)

Instructor Permission Required

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Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

FYSEMR 72C

Course ID: 224544

A Whale Ship Was My Yale College and My Harvard

2025 Fall (4 Credits)

T 0945 AM - 1145 AM

Instructor Permission Required

Joyce Chaplin

How should we live in the world, both with each other and with everything in the natural world around us? It's a big question and Herman Melville wrote a big book about it, *Moby-Dick* (1851), from which this seminar takes its title and its focus. The novel tells a tale of humans who go to sea in a wooden ship, sailing to the literal ends of the earth in the deadly pursuit of whales, source of wealth but also vital beings in their own right. It's a story with serious consequences, especially when read in our time of environmental and climate emergency, the whale-ship in which we now all sail, at Harvard and beyond. But because *Moby-Dick* also makes the natural world beautiful and the connections among humans hopeful (even under cruel conditions), it gives us an especially powerful prism to consider today's most pressing problems. For J-Term-Wintersession: Students who successfully complete this class will be invited to join a short J-term special program (January 13-23, 2026), exploring New England's maritime and natural histories—at no cost! There will be no cost to students for supplies or living expenses.

Course Note: The seminar will include a trip to the USS Constitution and an opportunity to participate in a J-Term project at no cost to the student.

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FAS Divisional Distribution: None

FYSEMR 72I

Course ID: 217842

Everyday I'm Hustlin': Pop Culture, Youth, and the African City

2025 Fall (4 Credits)

R 0945 AM - 1145 AM

Instructor Permission Required

Daniel Agbibo

Cities today face broad challenges ranging from public health emergencies (e.g. Covid-19), to anti-police brutality protests (e.g. #ICan'tBreathe), and unemployment. Stuck in a frustrating period of "waithood" or waiting for adulthood, urban youths in Africa are increasingly devising enterprising ways to improvise their livelihoods and assert their right to the city. One creative way in which youths are responding to everyday uncertainty and frustrations is through the power of pop culture, which includes creating new artistic, musical, performance, and fashion forms that extend across and beyond African cities. Consider, for example, the cross-cultural power and global appeal of Afrobeats. Notable American musicians, from Beyoncé to Pharrell Williams and Chris Brown, are fast integrating African pop music into their sounds as part of the upward trend of the "Afro-Cool" in the United States. This, of course, raises important questions about the boundaries between what is cultural appreciation and what is cultural appropriation. In this seminar, we ask: In the face of the contradictions of modern city life in Africa, in which people's opportunities and expectations are simultaneously broadened and constrained, how do young people fashion new ways of being and interacting with society? In what ways can crisis become opportunity? To address these questions, we will watch films, listen critically to music, analyze written texts, take virtual tours, and visualize fashion and popular art forms that shed new light on the "hustle economy" in urban Africa, its relationship with pop culture in American cities, and the innovative ways in which young people are making their voices heard in the city.

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Requires: Course open to First-Year Students Only

FAS Divisional Distribution: None

Movements

R 0900 AM - 1130 AM

*Instructor Permission Required**Tyler Giannini*

How do the seemingly most marginalized take on the most powerful corporations in the world and win? In this seminar, we will delve into this question and what drives community resistance and social movements in the face of frequently daunting odds. We will zero in on community resistance in its many forms when confronting abusive corporations and authoritarian governments often supporting them. Through case studies involving natural gas in Myanmar, gold mining in Papua New Guinea, and chocolate in West Africa, we will discuss both the harms communities experience and how communities can have a seat at the table to demand their rights and take on oppressive systems. We will also look at how North America is implicated in these cases and consider the power dynamics between communities, advocates, businesses, and states that span borders and different cultures. We will also look at ways that communities can build their own power through the solidarity economy and how advocates cannot only combat economic injustice but build their visions of economic justice for the future.

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FAS Divisional Distribution: None

T 0300 PM - 0500 PM

*Instructor Permission Required**Nancy Hill*

Debates about when adolescence ends and adulthood begins often lead to judgements about how long youth today are taking to reach adulthood and uncertainties about what it means to become an adult. The transition from adolescence to adulthood is often fraught with anxieties about realizing one's dreams, getting into college, succeeding in the job market, and finding a life partner. Have the definitions and markers of adulthood changed across generations? Should these conceptualizations change or adapt to the times? Are young people today trapped in an extended adolescence? Some experts and the popular press contend that young people today are coddled and more resistant to growing up than were those who came of age a generation or more ago. Conversely, other experts and many young adults today find that growing up is harder—harder to launch a career, burdened by student loan debt, harder to find a compatible life partner—in general, harder to achieve the life their parents have. Amid these debates, it is unclear what is meant by adulthood and whether it can or should be defined by the same markers as have been used in the past. Today's young adults are charting their own path...or are they? In this seminar, students will define and redefine adulthood based in multiple contexts, considering catalysts and impediments on the pathway to adulthood. Using a historical lens, we will examine and understand the contexts that elicit longer and shorter pathways to adulthood, including the role of the economic context, educational and occupational opportunities, gender, and the need to co-construct adulthood with others. Whereas societal factors are often considered contextual, this seminar focuses on societies as active agents in shaping adolescents' beliefs about adulthood and struggling with and sometimes against adolescents as they navigate their place as adults. This seminar takes a global lens and focuses on the ways in which the transition to adulthood is a dynamic and co-constructed concept and will aid students in developing an integrative understanding on societal needs and pressures and young adults' tools in navigating the path to adulthood.

Course Note: This is a Radcliffe First-Year Seminar and will include optional co-curricular activities related to the seminar topic. The seminar will be held at the Radcliffe Institute, Knafel 104, 18 Mason St.

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FAS Divisional Distribution: None

Across the world, massive street protests and growing disdain for politics not only suggest high citizen dissatisfaction with politicians' performance—from poor public services, high corruption, and increasing crime—but highlight the difficulty of holding politicians accountable to the voters who put them in office. Democracies are designed with certain mechanisms to generate political accountability. Re-elections are meant to give voters a tool to reward or punish incumbents for their behavior in office, government oversight agencies like auditing institutions are intended to police politicians from within, and so on. Despite this range of methods for keeping politicians accountable, why is there still so much corruption and impunity within government? Why don't politicians provide the policies and public services people seem to want? What are the barriers citizens and civil society face in engaging in politics? What can we learn from citizen efforts to reign in politicians even within authoritarian regimes? Most importantly, what policies could we implement to reduce impunity and strengthen accountability?

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FAS Divisional Distribution: None

In this class, we will explore the role of public schools and educators as catalysts for change in American social movements. How have schools—including teachers and students—been central to social change? When, why, and how have they been part of a larger social movement's strategy? What has the power of student activism been over time? How has education propelled (or hindered) progress? Our seminar will begin with a brief contextualizing unit on the purposes of public education in the American democracy. We will then analyze the role of education in three social movements over time: The struggle for racial justice, Immigrant resistance, The fight for gun control. All of these movements are as alive today as they have ever been. To better understand the role (s) that public education play[ed] in these movements, we will read books and articles, listen to and watch media, study social media, adventure to communities (virtually and in person!) and meet activists. In addition, seminar assignments will allow students to delve more deeply into the role of education in a social movement of their choice. These assignments are intended to help seminar students improve research, writing, networking, and presentation skills.

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What is the relationship between oil and empire? How has control over oil—the single most important commodity in the world—shaped the nature of power, politics, and environmental and social life in the twentieth century? How have different disciplines contributed to and at times undermined a critical understanding of oil politics? This interactive seminar will address these and other questions by examining the political, social, material, and cultural history of oil. Given the centrality of oil to modern life, control over this prized resource has resulted in a complex and often violent history. We will thus look at the ways in which the political economy of oil has shaped the rise and fall of empires, the fate of nation-states, the making of the economy, the nature of class, gender, and

racial discrimination, and the production of historical knowledge and the built urban environment. By moving between primary source documents and films, multi-disciplinary scholarly analyses, in-class discussions and debates, and written assignments, students will learn to be principal investigators and thereby sharpen their own critical interpretive abilities. This seminar on the global history of oil will address trends and processes from Ecuador, Mexico, the United States, and Venezuela to Nigeria, Indonesia, Iran, and Saudi Arabia.

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FYSEMR 73F (01)

Course ID: 222542

Socialism

2025 Fall (4 Credits)

T 1200 PM - 0215 PM

Instructor Permission Required

Stephen Marglin

Does socialism have a future? After the collapse of the Soviet Union, the embrace of the market by China, and the definitive turn of the Western European Left towards accommodation with the existing capitalist order, socialism was consigned to the dustbin of history. Only to rise from the dead: according to a 2022 Pew Research poll, more young Americans have a favorable view of socialism (44 percent) than of capitalism (40 percent). This seminar will address the future of socialism by interrogating its past. What is socialism? How has its meaning changed over time? Why did the reality of socialism, particularly in the Soviet Union, turn out so differently from its promise of abundance, harmony, and freedom? How does Marx's vision of history figure into the socialist project? What assumptions about human beings underlie the conviction that socialism would constitute progress? What are the assumptions that suggest that socialism would be destructive? Are smaller scale cooperative enterprises feasible alternatives to capitalism?

Course Note: Mtg Time Note: This seminar will meet 12:15-2:15pm.

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FAS Divisional Distribution: None

FYSEMR 73H

Course ID: 222634

From Gods to Satire: Artistic Engagements With Political Power

2026 Spring (4 Credits)

T 0300 PM - 0530 PM

Instructor Permission Required

Shai Dromi

In this seminar, we will explore the fascinating ways in which art has been used to express, critique, and reflect upon political power. From depicting rulers as gods to using comedy to criticize leaders, we will delve into the visually striking ways societies have grappled with their political systems through art. We will meet at the Harvard Art Museums' Art Study Center, where we will take advantage of the Museums' vast collections. Each week, we will explore different artworks and analyze them in their national and political contexts. We will also read sociological literature that will help us make sense of these works and dive into the Harvard Art Museums' archives to gain a deeper understanding of their social and political contexts. We will see how the engagement between art and politics brings to light core aspects of national identity, belonging, memory, and resistance. The seminar will include visits to the Harvard Memorial Church and the Ethelbert Cooper Gallery of African & African American Art, which will help us gain a broader understanding of the cultural and political context of art. Through this seminar, students will discover the power of art in civic dynamics and gain a new perspective on the complex relationship between art, society, and politics.

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Requires: Course open to First-Year Students Only

FYSEMR 73L

Unequal Origins: Pregnancy, Poverty and Child Health

R 0300 PM - 0500 PM

Margaret McConnell

Course ID: 224509
2025 Fall (4 Credits)

Instructor Permission Required

The US has worse pregnancy and child outcomes than any other high-income country in the world. Is this because we spend less providing direct income support to families than other high-income countries? This seminar will discuss the intersection between maternal and child health outcomes and poverty in the United States through a medical, economic, political, and historical lens. Assignments will ask students to become familiar with and attempt to navigate available supports for pregnant people and their children in the United States. Students will visit the Harvard art museum to observe how pregnancy and early childhood health and social supports for families with low incomes were conceptualized at the turn of the 20th century. Students will discuss elements of design and implementation of ongoing projects being conducted by Harvard faculty and collaborators to rollout and test direct cash support to pregnant or postpartum people.

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FAS Divisional Distribution: None

FYSEMR 73Q (01)

How Wars End: The Role of Negotiation

T 0300 PM - 0500 PM

Robert Mnookin

Course ID: 224717
2025 Fall (4 Credits)

Instructor Permission Required

This seminar will explore the role of negotiation in terminating wars. It is commonly thought that wars end after a decisive military battle produces a conclusive victory – one side surrenders and the other side emerges victorious. In fact, recent history suggests things are typically much more complicated: negotiations between the disputants commonly play a critical role in ending armed conflict. One only must consider Korea, Vietnam, Bosnia, Afghanistan, and Iraq. This seminar will initially introduce students to some core ideas relating to negotiation and bargaining theory. Through readings, we will then explore how several wars in fact evolved. We will ask why did the war begin, and did the disputants first attempt to avoid armed conflict through negotiations? To what extent, if any, did negotiations between the combatants end the fighting? We will see that while the expectations and aims of the combatants are typically deeply opposed at the beginning of a war, over time they often converge toward an agreement to stop fighting. In such cases, what produces this convergence? To what extent do factors far removed from the battlefield – economic, political, and social – contribute to the success of negotiations? In addition to readings, students will engage in a few negotiations related exercises and simulations in class.

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FAS Divisional Distribution: None

FYSEMR 73R

The Scientific Study of Wants and Well-Being

T 1200 PM - 0245 PM

Matthew Rabin

Course ID: 224710
2026 Spring (4 Credits)

Instructor Permission Required

This seminar explores what existing research tells us about the determinants of well-being, how it relates to the choices that people make, and how researchers (especially economists) go about quantifying wants and well-being in a way that permits their rigorous study. The seminar will begin with a presentation of the most basic approach within economics: Attempting to capture the notion of rational pursuit of our own well-being (or other goals people may have), economists translate the study of people into mathematical analysis by developing the

notion of a utility function. We will begin by presenting the basics of the economic approach. We will then illustrate some of what psychology teaches us about which human concerns are missing from the textbook economics account of people's goals. We will then explore about the important biases and failures humans make that can create systematic wedges between the choices we make and the actions that would maximize well-being. We'll discuss which of the psychological improvements we outline seem to matter for economic and social outcomes, and how these improvements can be translated into the mathematical language used in economics.

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No background in either Psychology or in Economics is assumed. (But hopefully the seminar will help participants who have taken or will take such courses in economics, psychology, policy, philosophy, or other social sciences bring new perspectives to those courses). Even though statistical standards must be intrinsic to any careful study of the issues explored here, no specific statistical background is assumed.

The seminar will use mathematics throughout, so that enrolled students need to establish that they have an appropriate background. No knowledge of advanced mathematics is assumed, so that the hope is that it will be as accessible as possible to as broad a range of first-year Harvard students as possible.

FAS Divisional Distribution: None

FYSEMR 73S (01)

Crime and Justice in a Changing America

M 0300 PM - 0500 PM

Robert Sampson

Course ID: 224711

2025 Fall (4 Credits)

Instructor Permission Required

This seminar examines key changes in crime and the criminal justice system over the last half-century, including the dramatic rise in violence starting in the 1960s, mass incarceration starting in the mid-1970s, the unexpected crime decline in the 1990s, a policing crisis heightened by George Floyd's murder in 2020, and historic rises in gun violence during the pandemic era. We will explore these and other important changes in light of competing explanations of crime and punishment. Inequalities by neighborhood, race, class, and birth cohort will be emphasized, and strategies to promote safety while reforming the criminal justice system will be debated. The seminar will emphasize group discussion and learning experiences in the Greater Boston Area. In one session, we will engage with key leaders involved in promoting community and safety at Harvard and the larger Boston area. In another session, students will report on in-person visits to neighborhoods in the local area that engage the issues we are studying. And in another class, we will interact with a leader from the Transformational Prison Project seeking to promote safety, healing, and criminal justice reform.

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FAS Divisional Distribution: None

FYSEMR 73U

Reading the History of Boston

M 0300 PM - 0545 PM

Jason Ur

Course ID: 224891

2026 Spring (4 Credits)

Instructor Permission Required

Why do Boston, Cambridge, and the towns in the Greater Boston region look the way they do? How did this urban landscape evolve, from the seasonal home of mobile Indigenous communities to a sprawling metropolis? There are clues everywhere, if you know how to look for them. This seminar introduces first-year Harvard College students to the deep history of the (now-) urban landscape in which they now find themselves. The geographic focus will be on Cambridge, but the seminar will consider greater Boston. We'll be thinking about Native impacts, initial European colonization, mortuary landscapes, the expansion of agriculture and animal husbandry, new forms of transportation like canals and railroads, the rise and decline of industry, and of course the origins and growth of Harvard College itself. We'll take the perspective of landscape archaeology, with an emphasis on the physical remains of the past four hundred years. What survives and what doesn't, and why? Most importantly, we'll experience these past landscapes firsthand, via trips throughout the region.

Course Note: Trips will be included at no cost to the student.. Students will get to know Greater Boston by getting out of the classroom and getting off campus.

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Requires: Course open to First-Year Students Only

FYSEMR 73V

Antisemitism, Then and Now

M 0300 PM - 0500 PM

Derek Penslar

Course ID: 226360

2025 Fall (4 Credits)

Instructor Permission Required

Why do people hate each other? Why are some groups of people more likely to be hated than others? This seminar seeks to answer these questions through the study of the hatred of Jews, commonly known as antisemitism. Jews have lived throughout the world over thousands of years, and they have been hated for diverse and at times contradictory reasons – they are said to be too different or trying too hard to fit in; religious extremists or extremist secularists; rich capitalists or revolutionary socialists; having no nation or roots, or fanatically attached to the state of Israel. Are there aspects of antisemitism, or other forms of group hatred, that transcend these differences and have common bonds? Is antisemitism an illness, or a symptom of a variety of maladies? In this seminar, we will address these questions. We will do so by tracing Jew-hatred from antiquity to the present, in both Christian and Islamic lands. Our approach will be anchored in history, but we will draw upon insights from the humanities, such as theology and philosophy, and the social sciences, such as sociology and psychology. We will discuss religious and legal texts, political writings, polemics, and literature. We will also examine depictions of Jews in art and film. Through this course, we will learn how social pathologies like antisemitism grow out of basic human psychological needs, and how we can best address those needs without resorting to hatred of others.

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FAS Divisional Distribution: None

FYSEMR 73W

Shared Prosperity in a Fractured Global Economy

M 1245 PM - 0245 PM

Dani Rodrik

Course ID: 226509

2025 Fall (4 Credits)

Instructor Permission Required

Can we build a global economic order that promotes equity, poverty reduction, and climate sustainability, all at once? How do we alleviate the tensions between domestic equality and global equality? Can we restore the middle class in advanced countries while maintaining an open global economy? Can we achieve the climate transition without adverse effects on economic growth and poverty reduction in poor nations? We will explore these questions in the seminar and build towards practical policy solutions. The seminar begins with an exploration of basis statistics on economic and environmental performance. Then we will spend some time on the historical evolution of the world economy, tracing policies, institutional arrangements, and outcomes from the Industrial Revolution to the present. We will next examine the backlash to neoliberalism and evolving forms of populism. We will scrutinize alternative strategies for rebuilding the middle class in the advanced economies, fostering rapid poverty reduction in the developing world, and achieving the green transition. Finally, we will turn to the implications of these strategies for the overall global economic system.

Course Note: There will be a required trip to Lowell, MA to visit the Boott Cotton Mills Museum at no cost to the student.

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FYSEMR 73X

Economics and Religion

W 0300 PM - 0545 PM

Robert Barro

Course ID: 226560
2026 Spring (4 Credits)*Instructor Permission Required*

The social-science approach to religion seeks to explain how religions evolve, make us richer or poorer, and influence the daily lives of people around the world. A controversial, but useful, approach views organized religion as a market in which alternative religions and non-religion compete for customer business. This perspective helps to understand Adam Smith's idea that the vibrancy of religion is affected by state regulation and the presence of a state religion. We can also consider whether the role of religion tends systematically to decline with economic development, a phenomenon called "secularization." In addition, we can assess effects from regulations instituted by formal religions, such as Islam's prohibitions on corporate ownership and restrictions in the legal and financial areas. Building on these types of ideas, the economics of religion has become a broad and exciting field of research. One example of current research is my joint work that includes estimates of religious-service attendance for 66 countries going back to 1920. My co-authors and I are analyzing how this measure of religious participation reacted to Vatican II (for Catholics after 1965), to the ending of Communism in many countries in the early 1990s, and to the broad history of war and economic depression. The syllabus will organize these and other topics into 13 classes, 12 of which will be led by students. The items on the syllabus constitute serious substantive research but are accessible in their main ideas to first-year students without a lot of technical background. However, it will be useful for students to have some exposure to economics, such as taking Economics 10 in the fall term.

Course Note: This seminar will usually meet for only 2 hours.

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The items on the syllabus constitute serious substantive research but are accessible in their main ideas to first-year students without a lot of technical background. However, it will be useful for students to have some exposure to economics, such as taking Economics 10 in the fall term.

FYSEMR 73Y

Abortion in Controversy

T 0300 PM - 0500 PM

Stephen Sachs

Course ID: 226510
2025 Fall (4 Credits)*Instructor Permission Required*

Today the law of abortion in America is more in flux than it has been for decades. Educated citizens should have opportunities to study the issue in detail and to decide what they think. This seminar is designed to help first-year students discuss, in an academic setting, the difficult, important, and controversial questions raised by abortion. These include questions of ethics, policy, and law; of human personhood and futures of value; of autonomy and equality; of politics and history; and of unenumerated rights and judicial power. Many of these questions are both highly abstract and deeply personal. While they are the subject of intense and heartfelt commitment on both sides, this seminar is offered in the belief that they are also a proper subject for intellectual inquiry. Within each unit, the assigned readings are roughly balanced as to viewpoint: they take deeply conflicting positions, and each student will certainly disagree with some of them. Students are expected to participate fully in the discussions and to complete occasional short writing assignments in response to the readings.

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FAS Divisional Distribution: None

Aerial born radar (LIDAR) technology has recently been deployed for discovering, mapping, dating, and assigning ethnic affiliations to major sites and cities heretofore unknown to scholars in the jungles of Mexico, Guatemala, and Honduras. This seminar allows students to explore first-hand the revolutionary advances in the study of the origins of American civilizations at the Olmec ceremonial centers (dated 1300-600 B.C.), and view hundreds of major new towns and cities just discovered in the Maya jungle (dating from 600 B.C.- 9 00 A.D.). Lidar imagery from Professor Fash's well-known site of Copan and many others in Mexico and Guatemala will be analyzed by the students for evidence of hitherto unknown archaeological roads, ceremonial centers, towns, and cities. This technology has finally laid to rest the mistaken "conclusion" by earlier archaeologists that civilization and powerful cities "could never have arisen first in the tropical forest." Students will be discovering new features and sites with their own eyes, as we scrutinize and discuss the lidar imagery. That will include work in Harvard's Visualization Laboratory, where they'll get a chance to visit what most visitors to the site of Copan will never see: the archaeological tunnels beneath the Acropolis dug by Professor Fash, through Lidar videos made by Luke Hollis. They'll also analyze objects from the ancient cities during the seminar sessions, from the priceless collections of the Peabody Museum in class and on display in the 3rd and 4th floor galleries. There will also be a 'field trip' to Harvard's Dumbarton Oaks Research Library and Collection in Washington, D.C. to see some of the most beautiful works of Olmec and Maya art ever created. The new discoveries of both Lidar and the decipherment of the Olmec and Maya writing systems make this is a transformative time in this highly visible field that students can explore for themselves through a variety of means via this seminar. This seminar will allow students to "learn by doing," both with ceramics and other artifacts from the Peabody Museum's collections that we will be working with in the Mesoamerican Laboratory with Dr. Jenny Carballo, and also with digital images on-screen of Lidar imagery and videos, and prints of selected 3D site maps. The familiarity students will gain with ceramics and artifacts will mean they will have a wonderful time viewing the priceless collections of Olmec and Maya artworks at Dumbarton Oaks Research Library and Collections in Washington, D.C., in October 2025. Class trips will be no cost to the student.

Course Note: For J-Term-Wintersession: During the week of January 18-24, students who excel in the class will be invited to visit the beautiful Classic Maya site of Copan, Honduras, where I have been conducting research (including Lidar) for the past four decades. All class trips will be no cost to students for supplies or living expenses.

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BREAKING: Coffee causes cancer! THIS JUST IN: Microplastics in our brains! Making sense of – and coping with – the often conflicting and seemingly ever-changing information we receive from various sources on health and medical topics can be hard. This seminar will give you the skills to make sense of health and medical information and this seminar will give you the skills to communicate health and medical information effectively to others using new and novel media. Whether you are interested in a career as a social media content creator on TikTok, a medical journalist for the New York Times, a surgeon at the Massachusetts General Hospital, or you are simply interested in being a better consumer of medical information, this seminar is for you. In this seminar, you will learn about how health information is developed for traditional (e.g., newspapers, television) and non-traditional (e.g., TikTok, YouTube) media outlets. You will visit a newsroom, meet health journalists, and learn how journalists craft health content for newspapers, television, and online publications. You will also meet the creator of the #1 podcast in the world and visit her studio in Boston. You will hear from YouTube-funded health content creators and learn their tricks for communicating health information that empowers their online communities. The seminar will also wrestle with the power structures that adjudicate which health topics are covered in the media and discuss the imperative of defending vulnerable populations and considering culture and literacy levels in health content creation.

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FYSEMR 74D

What Do We Even Know?: Democratic Theory and Public Opinion in the (Mis)Information Age

M 0945 AM - 1145 AM

Course ID: 226750
2026 Spring (4 Credits)

Instructor Permission Required

Democracy is supposed to run on knowledge—citizens deliberating, reasoning, forming informed opinions about policies and leaders. This assumption shapes contemporary anxieties about political misinformation, conspiracy theories, and ideological polarization. But what if democracy has never really worked that way? Public opinion research has long challenged the idea that democracy functions through rational deliberation. Voters lack basic political knowledge, interpret facts through partisan lenses, and rely on intuition. At the same time, democracy has persisted despite never quite living up to its own ideals. This seminar explores how public opinion actually works, rethinking what it means to "know" in democratic politics. To do so, this seminar bridges two approaches that are often considered separately: political theory, which asks what democracy ought to be, and empirical research, which studies how people actually make political decisions. Each side has something to learn from the other: theory challenges assumptions embedded in public opinion research; empirical findings push theorists to grapple with real political behavior. Readings will range from pragmatist philosophy to media studies, from classic public opinion research to contemporary debates about misinformation and expertise. Alongside this, we'll analyze real political crises—from viral hoaxes to subverted elections—asking: Is democracy really in trouble? And if it is, how can we fix it?

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This is a first-year seminar designed to introduce students to the diverse tools of political science. No prior background is required—only an interest in understanding how democratic politics functions, beyond (and through) the myths we tell about it.

FYSEMR 74E

Speech on Trial: Free Expression, Censorship, and Democracy

M 0300 PM - 0500 PM

Course ID: 226752
2026 Spring (4 Credits)

Instructor Permission Required

How do words and images shape our world? A single social media post can spark a movement, incite division, or inspire solidarity. But when does speech cross the line between free expression and harm? Does regulating speech protect marginalized communities, or does regulation risk suppressing dissent? As societies grapple with misinformation, digital censorship, and the rise of hate speech laws, we ask: What should a democracy look and sound like, and who gets to decide? In this seminar, we will examine the power and limits of free speech in law, media, and society. Through discussion, case studies, and interactive debates, we will explore how words and symbols shape public perception, identity, and community, as well as how legal and social frameworks regulate speech. Students will engage with foundational debates over free speech, hate speech, and misinformation while critically analyzing how digital platforms, campus speech policies, and government regulation shape public discourse. This seminar is designed as a highly interactive, discussion-driven seminar where students will actively debate controversial ideas, analyze real-world examples, and work collaboratively on projects. By the end of the semester, students will develop the tools to navigate complex issues of speech, power, and democracy with confidence and intellectual depth.

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In what ways can generative AI models, like ChatGPT, be a useful educational tool to accelerate and enhance your learning? We'll overview how these models work, and the surprisingly simple principles underlying their remarkable capacities. We'll dive into impact of AI on student learning right now, drawing on psychological and neuroscience insights into how we humans learn and remember things. We'll think through the ethical considerations of AI use in education going forward. In parallel, each week we will all try out different generative AI tools for enhancing academic skills--from synthesizing written material and writing to coding--and share these in group discussions and presentations. By the end of the class, you'll have a deeper understanding of how these AI systems are working, a suite of techniques and tools that you can use to enhance your own learning, and some broader ideas about how human learning might change in the era of large language models and generative AI.

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Freud may be dead, but psychoanalysis as a perspective, resource, and—to a lesser degree—practice is very much alive, offering powerful accounts of paradoxical and difficult to understand aspect of human behavior and social relations. Freudian thinking has been assimilated into large swaths of our cultural life, even as it has been widely declared outdated and outlandish. Does Freud—and the discipline of psychoanalysis that he founded—still matter? In this seminar, we will address this question by first reading landmark Freudian texts. We will then turn to "Freud"—especially at several of his revisionist followers—to explore a range of contested topics on which the psychoanalytic voice is strong: attachment, loneliness, and anxiety among them. We end with the therapeutic chatbot, asking if Freud still matters in an age of AI. Throughout we will gather and share materials from the internet and various apps, always with an eye to finding Freudian resonances in contemporary culture.

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Human interaction is increasingly mediated by technology, and in constantly shifting ways. What changes when humans relate in these ways? Are connections deeper, shallower, better, worse, or just different? What is gained and what is lost? How are friendships, work relationships, family relationships, romantic relationships, differently affected? Discussion topics include social media, texting, videochat, and generative AI.

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FYSEMR 74I

Gender Politics, Race, and Moral Panics in the World of Sports

M 0600 PM - 0800 PM

Roberto Sirvent

Course ID: 226728
2026 Spring (4 Credits)

Instructor Permission Required

What does race have to do with sports gambling and fantasy football? Why do fans and the media get upset when elite athletes wish to take mental health breaks? What fears, anxieties, and aggressions motivate the interpersonal and structural violence against trans athletes? How complicit are fans in the long-term injuries and premature deaths of athletes when we encourage, celebrate, and take pleasure in violent sports? Why are athletes coached to "play through the pain"? How do sport governing bodies rely on colonial logics of ability and disability to reinforce racialized ideals of sexual difference? This first-year seminar introduces students to the gendered and sexual dynamics of sport in American culture, as well as the racialized gender policing that occurs within the world of sports. Through a combination of group discussions, guest speakers, and a sports watch party, we explore how amateur and professional sports aid in the formation of social classes, national and racial identities, sexuality, and gender roles, both in the United States and abroad. Key topics and case studies include: the rise of anti-trans moral panics in sport; the ways that legal, medical, and scientific discourses in global sport produce and reproduce power relations; anti-Black media representations of Simone Biles and Naomi Osaka; the racial politics of fandom; and, finally, what Travis Kelce and Taylor Swift's relationship might teach us about U.S. celebrity culture and its relation to dominant views of race, masculinity, and femininity.

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Folklore and Mythology

Folklore & Mythology

FOLKMYTH 91R

Supervised Reading and Research

No meeting time listed

Sarah Craycraft

Course ID: 111646
2025 Fall (4 Credits)

Instructor Permission Required

Instruction and direction of reading on material not treated in regular courses of instruction; special work on topics in folklore, mythology, and oral literature. Normally available only to concentrators in Folklore and Mythology.

Course Note: Applicants must consult the Chairman or the Head Tutor of the Committee. The signature of the Chairman or the Head Tutor is required.

FAS Divisional Distribution: Arts and Humanities

FOLKMYTH 91R

Supervised Reading and Research

No meeting time listed

Sarah Craycraft

Course ID: 111646
2026 Spring (4 Credits)

Instructor Permission Required

Instruction and direction of reading on material not treated in regular courses of instruction; special work on topics in folklore, mythology, and oral literature. Normally available only to concentrators in Folklore and Mythology.

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FAS Divisional Distribution: Arts and Humanities

FOLKMYTH 96R

Course ID: 128218

Senior Projects

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Sarah Craycraft

Designed for seniors completing their (non-thesis) senior project to meet the requirement for the concentration's senior project option.

Course Note: Students must secure the written approval for the project from the faculty member with whom they wish to work as well as the signature of the Head Tutor. May be repeated with the permission of the Head Tutor.

FAS Divisional Distribution: Arts and Humanities

FOLKMYTH 97

Course ID: 134893

Fieldwork and Ethnography in Folklore: A Tutorial in Cultural Documentation and Community Engagement

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Sarah Craycraft

This tutorial introduces students to the study of cultural traditions, beliefs, and artistic expressions—their performance, collection, representation and interpretation—through the practice of ethnography. Both ethnographic and theoretical readings serve as the material for class discussion and the foundation for ethnographic fieldwork. At once a crash course in ethnographic theory and ethics, and a practicum in qualitative methods, FM97 weds scholarly inquiry and academic study to practical experience in cultural documentation and personal involvement with local tradition bearers and folk communities. Guided by an interdisciplinary collection of texts, students will have the opportunity to study folklore from the ground up, not only through an academic lens, but through personal relationships, cultural participation, and inquisitive explorations of local communities. Throughout the semester you will be invited to develop skills in qualitative research, cultural documentation, proposal design, interviewing, and the arts of interpretation as you try your hand at fieldwork and ethnography. By examining folkways, expressive culture, traditions, and performances, and interrogating their import in the daily lives of individual and groups, we will aim to bridge the divide between grand theories and everyday practices, between intellectual debates and lived experiences, between the academic institution and the vernacular world. Ultimately, this course aims to bring "the folks" themselves into the center of the academic study, discussion, and debate. And it aims to give you the tools to help amplify and illuminate their voices, traditions, practices, and lore.

Course Note: Required of all concentrators, but open to all.

FAS Divisional Distribution: Social Sciences

FOLKMYTH 98A

Course ID: 115032

History and Theory of Folklore and Mythology

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Daniel Frim

Are the myths of a society comparable to the dreams of an individual? Do all of a region's fairytales derive from a single plotline? Why do UFO abduction accounts sometimes show similarities to earlier elf and fairy lore? Can we reconstruct any of the narratives our ancestors told before the last ice age? Folklore, mythology, and oral literature are mysterious areas of study; some of the most pressing questions these topics pose remain as open today as when they first began to be researched. In this course, we equip ourselves to explore such questions anew by tracing the development of major theoretical orientations in our field. While the course will focus primarily on contributions dating from between the late-19th and late-20th centuries, some attention will also be devoted to theoretical approaches currently in the process of being born.

Course Note: Required of all, and limited to, concentrators.

FAS Divisional Distribution: Arts and Humanities

FOLKMYTH 98B

Course ID: 113346

Tutorial - Junior Year

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Sarah Craycraft

Course Note: Required of all concentrators. The signature of the Head Tutor or Chairman of the Committee on HARVARD UNIVERSITY 735 of 1792

Degrees in Folklore and Mythology required. Normally taken in the second term of the junior year.

FAS Divisional Distribution: Arts and Humanities

FOLKMYTH 98B

Tutorial - Junior Year

No meeting time listed

Sarah Craycraft

Course ID: 113346
2026 Spring (4 Credits)

Course Note: Required of all concentrators. The signature of the Head Tutor or Chairman of the Committee on Degrees in Folklore and Mythology required. Normally taken in the second term of the junior year.

FAS Divisional Distribution: Arts and Humanities

FOLKMYTH 99A

Tutorial - Senior Year

No meeting time listed

Sarah Craycraft

Course ID: 113480
2025 Fall (4 Credits)

Instructor Permission Required

Part one of a two part series.

Course Note: Required of all thesis writers. The signature of the Head Tutor or Chairman of the Committee on Degrees in Folklore and Mythology required.

Full Year Course: Divisible Course

FAS Divisional Distribution: Arts and Humanities

FOLKMYTH 99A

Tutorial - Senior Year

No meeting time listed

Sarah Craycraft

Course ID: 113480
2026 Spring (4 Credits)

Instructor Permission Required

Part one of a two part series.

Course Note: Required of all thesis writers. The signature of the Head Tutor or Chairman of the Committee on Degrees in Folklore and Mythology required.

FAS Divisional Distribution: Arts and Humanities

Full Year Course: Divisible Course

FOLKMYTH 99B

Tutorial - Senior Year

No meeting time listed

Sarah Craycraft

Course ID: 159922
2025 Fall (4 Credits)

Instructor Permission Required

Part two of a two part series.

Course Note: Required of all thesis writers. The signature of the Head Tutor or Chairman of the Committee on Degrees in Folklore and Mythology required.

Full Year Course: Divisible Course

FAS Divisional Distribution: Arts and Humanities

FOLKMYTH 99B

Tutorial - Senior Year

No meeting time listed

Sarah Craycraft

Course ID: 159922
2026 Spring (4 Credits)

Instructor Permission Required

Part two of a two part series.

Course Note: Required of all thesis writers. The signature of the Head Tutor or Chairman of the Committee on Degrees in Folklore and Mythology required.

Full Year Course: Divisible Course

FAS Divisional Distribution: Arts and Humanities

FOLKMYTH 120

Folklore and Appalachia

MW 0130 PM - 0245 PM

Sarah Craycraft

Course ID: 222850
2026 Spring (4 Credits)

From moonshine and bluegrass to Lil Bubby Child memes, Latine music, and Affrilachian folk reporting: This course explores Appalachia through the region's folklore as well as the ways that folklore has constituted Appalachia as an imagined American region. Designated a federally recognized region as recently as 1965, Appalachia has long been romanticized as America's authentic "other." We will explore the many genres that make up Appalachian folklife as well as consider folklore's role in shaping portrayals of Appalachia. We'll also think about the ways that insider-outsider relations impact representations of the region. Discussions will explore issues such as cultural staging in Dolly Parton's Dollywood, the commodification of Mothman, and the use of folklore as a form of "back talk" in response to outsider portrayals of the region as backward, homogenous, and unchanging. Our course will also consider the ways Appalachian folklore links the region transnationally, engaging with comparative cases like the Carpathian Mountain communities, the Czech bluegrass scene, and Welsh coal communities.

FAS Divisional Distribution: Arts and Humanities

FOLKMYTH 125

Introduction to the Indigenous Oral Literatures of the Northwest Coast of North America

No meeting time listed

Daniel Frim

Course ID: 225906
2026 Spring (4 Credits)

Instructor Permission Required

This course introduces students to the indigenous oral literatures of the Northwest Coast of North America. After overviewing the cultural history and linguistic diversity of the region, we will embark on a series of case studies focusing on Clackamas Chinook, Kwakwaka'wakw, Nuxalk, and Haida oral traditions. We will read narratives regarding the origins of the world and of the societies that inhabit it; accounts of heroic journeys to otherworldly realms above the sky and beneath the sea; shamanic initiation stories; and oral histories of migration, intertribal diplomacy, and early interactions with Europeans. Attention will be devoted to the formidable interpretive challenges that indigenous oral traditions pose when they are studied in the Western academy, as well as to the ethical complexities of this endeavor. It is hoped that students will gain an appreciation for the immense cultural diversity of the Northwest Coast's indigenous peoples and for the vastness of their oral-literary heritage.

FOLKMYTH 140

Jewish Magic and Folklore: Messages from beyond the Mountains of Darkness

R 1245 PM - 0245 PM

Daniel Frim

Course ID: 224633
2025 Fall (4 Credits)

Instructor Permission Required

This course surveys the centuries-long history of Jewish magic and folklore, with particular attention to two central paradoxes of the field: (1) The diverse magical and folkloric traditions of the Jewish diaspora have been substantially influenced by the practices and lore of neighboring non-Jewish groups. Nevertheless, Jewish magic and folklore exhibit remarkable continuities over time, with various ideas and motifs spanning Jewish history from its ancient beginnings to the present. (2) Jewish magical and folkloric traditions sometimes stand at odds with monotheism, yet they draw so heavily on other aspects of Jewish religiosity (e.g., prayer, Torah study, mysticism, etc.) that it can be difficult to define magic and folklore in Jewish contexts. Specific topics to be covered in this course include demonic possession narratives from ancient Israel; nautical tall tales told by the rabbis of Sasanian Iraq; accounts of werewolves, witches, and vampires in Jewish writings from medieval Germany; Ladino ballads; Yiddish fairytales; and many others. This course is designed both for newcomers to the study of Judaism and for students with a background in Jewish studies who are interested in learning more about magic and folklore. No prior familiarity with Jewish studies or knowledge of Jewish languages is required.

If any enrollees have the ability and desire to read magical texts and folk narratives in Hebrew/Aramaic, a special weekly section will be arranged for this purpose.

Course Note: There is an official enrollment cap for this course, but if the course has filled and you would like to enroll, please be encouraged to contact the instructor at danielfrim@g.harvard.edu

FAS Divisional Distribution: Arts and Humanities

FOLKMYTH 141 (01)

Elves, Fairies, and UFOs: Dangerous Encounters with Otherworldly Beings in Folklore

No meeting time listed

Course ID: 225907
2026 Spring (4 Credits)

Instructor Permission Required

This course introduces folk traditions involving dangerous encounters between humans and otherworldly beings. Our primary areas of focus will include medieval through modern European elf and fairy lore, as well as twentieth- through twenty-first-century accounts of UFO abduction. The course will examine the historical conditions in which these traditions emerged, and in which they have developed. It will also explore the premise that while the contents of otherworldly abduction/intrusion narratives often show remarkable similarities between one cultural context and another, storytellers from different times and places have deployed these traditions in substantially different ways. We will investigate possible reasons both for these similarities and for these differences, drawing especially from relevant scholarship in folklore studies, anthropology, and the comparative study of religion.

FOLKMYTH 172

Quilts and Quiltmaking

T 0300 PM - 0545 PM

Felicity Lufkin

Course ID: 127859
2026 Spring (4 Credits)

Instructor Permission Required

Are quilts the great American (folk) art? From intricately stitched whole-cloth quilts, to the improvisational patchworks of Gee's Bend; from the graphic simplicity of Amish quilts to the cozy pastels of depression-era quilts; from the Aids Quilt to art quilts; quilts have taken on extraordinary significance in American culture. This class surveys the evolution of quilt-making as a social practice, considering the role of quilts in articulations of gender, ethnic, class and religious identities, and their positions within discourses of domesticity, technology, consumerism, and cultural hierarchy.

FAS Divisional Distribution: Arts and Humanities

FOLKMYTH 176

Tattoo: Histories and Practices

T 0300 PM - 0545 PM

Felicity Lufkin

Course ID: 161297
2025 Fall (4 Credits)

Instructor Permission Required

Tattooing has been practiced in many different social and cultural settings, in many different time periods, to different ends. In the United States, tattooing was long associated with marginalized and stigmatized groups, but since the 1970s, has become increasingly popular and even mainstream. This seminar style class will explore distinct regional histories of tattoo, the development of tattooing in the US, and the different ways that contemporary tattoo practitioners situate themselves historically and negotiate boundaries of race, class and gender. We will also consider tattoo as an art form that both invites and resists aesthetic judgments.

FAS Divisional Distribution: Arts and Humanities

FOLKMYTH 191R

Supervised Reading and Research

No meeting time listed

Sarah Craycraft

Course ID: 112816
2026 Spring (4 Credits)

Instructor Permission Required

Advanced reading in topics not covered in regular courses.

FOLKMYTH 191R

Supervised Reading and Research

No meeting time listed

Sarah Craycraft

Advanced reading in topics not covered in regular courses.

Course ID: 112816
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Arts and Humanities

General Education

General Education

GENED 1017

Americans as Occupiers and Nation-Builders

TR 0130 PM - 0245 PM

Andrew Gordon, Erez Manela

Course ID: 108359
2026 Spring (4 Credits)

Instructor Permission Required

How have US military occupations abroad, such as in the Philippines, Japan, and most recently Afghanistan and Iraq, shaped both the United States and the world? The United States has launched numerous projects of military occupation and nation-building in foreign lands since the late 19th century. These have been contradictory enterprises, carrying ideals of freedom and self-determination "offered" by force or by fiat. This course will assess the meanings and legacies of these projects by examining the ideas, strategies, policies, and outcomes of occupations ranging from the Philippines early on, to Japan, Germany, Korea, and Vietnam to, most recently, Afghanistan and Iraq. The course focuses on American activities and ideas but also examines the responses of the occupied.

FAS Divisional Distribution: None

GENED 1019

**The Caribbean Crucible: Colonialism, Capitalism and Post-Colonial
Misdevelopment In The Region**

MW 0130 PM - 0245 PM

Orlando Patterson

Course ID: 118290
2025 Fall (4 Credits)

How does the growing inequality between and within nations—which is the major global issue of our times—impact the Caribbean region and, in turn, its U.S. neighbor? This course explores the complex, formative role of the Caribbean in the development of Western colonialism and capitalism and the consequences for the peoples of the region. Four major themes will be examined. First, the importance of the region in the origin and early development of Western imperialism and capitalism: Why did both Western Europe and America begin their imperial and colonial expansion in this region and to what degree did the region's slave-based economies influence the nature and development of Western capitalism? Second, what were the consequences of imperialism for the demographic and socio-cultural fate of indigenous and African populations? Is genocide a proper designation of the fate of exploited peoples of the region up to the end of the period of slavery? Third, we examine the post-colonial consequences of this history for the socio-political, economic and cultural development of the region. What have been the main paths toward sustainable development in the modern Caribbean? Why in spite of its long history of engagement with Western capitalism, has the region largely faltered in its efforts to develop? We examine the different paths to development through five case studies—neo-colonial dependency in Puerto Rico, communist dependency in Cuba, democratic socialism in Jamaica, Barbados' neo-liberal strategy, and aid-dependency in Haiti. We also study the common problem of migration and transnationalism and the degree to which this process undermines national sovereignty. Fourth, we explore the distinctive features of racial classification and cultural representations in the Caribbean. What do we learn about race as a social construction from the Caribbean experience? How do Caribbean racism and colorism unsettle American notions of race and ethnic identities? Why has globalization not led to cultural homogenization? How do we account for the unusual influence of Caribbean music, especially that of Jamaica, on popular global culture?

FAS Divisional Distribution: None

GENED 1025

Happiness

TR 0130 PM - 0245 PM

Susanna Rinard

Should we pursue happiness, and if so, what is the best way to do it? This course will critically assess the answers to these questions given by thinkers from a wide variety of different places, cultures, and times, including Stoicism, Epicureanism, Buddhism, Daoism, and contemporary philosophy, psychology, and economics.

FAS Divisional Distribution: None

Course ID: 218240

2025 Fall (4 Credits)

GENED 1027

Human Evolution, Human Health, and Climate Change

TR 1030 AM - 1145 AM

Kevin Uno

How and why did climate change influence how humans evolved to be the way we are, and what are the implications of our evolutionary history for human health in a post-industrial world? In addition, how did human activities drive and continue to influence climate change with major impacts on human health? To tackle these important issues, this course reviews the story of how humans evolved through a series of major transitions starting with our divergence from the apes continuing to the present day. At the same time, we explore how the earth's climate has changed over the course of human evolution, driving these transitions, which in turn have major effects on human health. Finally, we will explore the feedback loop between climate change, health, and the future of our species and planet.

Requires: Course open to Undergraduate Students Only

FAS Divisional Distribution: None

Course ID: 112339

2026 Spring (4 Credits)

GENED 1029

What is Life? From Quarks to Consciousness

MWF 1200 PM - 0115 PM

Andrew Berry, Logan McCarty

Are we — wonderful, human us — really nothing more than complex constellations of interacting atoms? Are humans nothing more than a collection of atoms following the laws of physics? Quantum physics involves uncertainty and randomness, and yet paradoxically it explains the stability of molecules, such as DNA, that encode information and are critical to life. Thermodynamics is about the universe's ever increasing disorder, and yet living systems remain ordered and intact. This course will examine how these physical laws underpin life and how life itself has diversified since originating 3.5 billion years ago.

FAS Divisional Distribution: None

Course ID: 126148

2026 Spring (4 Credits)

GENED 1031

Finding Our Way

MW 1030 AM - 1145 AM

John Huth

How did/do humans find their way across the planet, and how can we replicate their wayfinding? Imagine a situation where modern technology vanishes. How would you find your way around? We can look back in time at Pacific Islanders or the Norse and see how they engaged in wayfinding, using the Sun and stars as guides. In this course, we'll explore time-honored techniques of navigation, and examine how they functioned. Many of the exercises will be devoted to the practice of these wayfinding traditions using our immediate environment as the laboratory. In the second half of the course, we'll see how people predicted the weather using natural signs and put this to the test. Finally, we'll touch on how modern navigation systems work, and how they can be spoofed. Mathematics required will be simple addition, subtraction, multiplication, and division, and we'll often use graphical solutions.

This course has an enrollment cap and is a part of the Gen Ed lottery. To participate in the lottery, you must first submit a petition and then rank your choices through my.harvard by 11:59 p.m. EST Tuesday, April 8, 2025. The

HARVARD UNIVERSITY 740 of 1792

Course ID: 126603

2025 Fall (4 Credits)

Instructor Permission Required

Gen Ed lottery will run Wednesday, April 9; if you are successful in the lottery, your course petition in your Crimson Cart will turn to a green check that allows you to enroll. You will have until 11:59 p.m. EST Friday, April 11, to claim your seat. After that time, enrollment will open up to non-lottery petitioners. Please note: Only a green checkmark indicates success in the lottery. If you see either "petition pending" or a red X, it means that your petition was unsuccessful. If this is the case and you would still like to try to enroll in the course, please submit a new petition after the lottery. For timely updates and detailed instructions about entering the Gen Ed lottery, please see <https://gened.college.harvard.edu/courses/registration-and-lottery/>

FAS Divisional Distribution: None

GENED 1032

What is a Republic?

MW 0300 PM - 0415 PM

Daniel Carpenter

Course ID: 120049
2026 Spring (4 Credits)

What is a democratic republic, and can such a regime — one that trusts citizens to capably choose and monitor those in power, and one that trusts those in power to restrain themselves and each other while attending to the public good — survive and protect us from tyranny?"A republic, if you can keep it." So did Benjamin Franklin characterize his hopes for American government. What did Franklin and others mean by republic, and why did he and so many others worry that it might be something hard to hold onto? This course will give you the theoretical basis and historical evolution of republics so that you can understand the American system of a democratic republic, now spread widely around the planet even as it is considered under threat. You will read Hamilton alongside Jefferson, Machiavelli alongside Montesquieu, and Angelina Grimké alongside Frederick Douglass. You will consider systems of governance in Republican Rome, medieval Europe, early modern England and France, Native American nations and the United States. The thinkers and founders you will read thought long and hard what freedom is, how to balance executive and legislative power, and why republics and democracies can be unstable. As a democratic republic, the United States places great faith in the capacity of voters to choose their rulers, who in turn make most of our policies. Is this faith misplaced? What is the role for virtue in a republic, and what is virtue? How does inequality undermine republican stability, and what might be done about it?Screen reader support enabled.

Requires: Course open to Undergraduate Students Only

FAS Divisional Distribution: None

GENED 1034

Texts in Transition

MW 0300 PM - 0415 PM

Ann Blair, Leah Whittington

Course ID: 212840
2025 Fall (4 Credits)

Instructor Permission Required

What makes some texts long-lived while others are ephemeral, today and in the past?Description: We live in a moment of "crisis" around regimes of preservation and loss. As our communication becomes ever more digital—and, therefore, simultaneously more ephemeral and more durable—the attitudes and tools we have for preserving our culture have come to seem less apt than they may have seemed as recently as a generation ago. This course examines how texts have been transmitted from the past to the present, and how we can plan for their survival into the future. We will examine what makes texts durable by considering especially the media by which they are transmitted, the changing cultural attitudes toward their content, and the institutions by which they are preserved. The European Renaissance will provide a central case study. During this period scholars became aware of the loss of ancient texts and strove to recover and restore them insofar as possible. These interests prompted new developments in scholarly conservation techniques which we still value today (philology, libraries, and museums) but also the creation and transmission of new errors, ranging from well-intentioned but overzealous corrections and "improvements" to outright forgeries. What can the Renaissance teach us about how to engage productively with these problems, both as the source of our current attitudes toward preservation and loss, and as a case study of another culture dealing with anxiety over preservation and loss? Ultimately, we hope that students will be able to think productively about preservation in the past and in the future, while recognizing that all preservation inherently involves some kind of transformation.

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GENED 1037

Great Experiments that Changed Our World

TR 0900 AM - 1015 AM

*Philip Sadler*Course ID: 212854
2026 Spring (4 Credits)*Instructor Permission Required*

In what ways does reliving 10 groundbreaking scientific experiments teach us how our own efforts can remake the world? Facing the edifice of preexisting knowledge, how are breakthrough scientific discoveries made that contradict the existing canon? Ten great experiments that have transformed our understanding of nature will guide us, first through immersion in the scholarship and popular beliefs of the time. Next, how did the discoverer prepare? What were the motivations, prior experiences, and training that led to the threshold of a fruitful advance? Then, to the degree possible, we will carry out the exact same investigations, building our own simple equipment from scratch, duplicating the challenges of wresting patterns from noisy and incomplete data. Students will compare their results to both private and published versions of the original research. The course will examine the magnitude of the cognitive shifts experienced and the often uphill battle to acceptance. We will build an understanding of the nature of scientific progress, examining how the mastery of natural phenomena leads to new technologies and how these can contribute to further scientific discovery. Experiments are drawn from the natural sciences, ancient to modern, from Eratosthenes measuring the earth's size to Rosalind Franklin determining the structure of DNA. We will consider how these discoveries continue to impact society, as well as the many ethical questions raised. The course will examine the difficulty of accepting new experimental evidence falsifying accepted scientific paradigms and how this remains an issue that plays out in current society. By unpacking these 10 experiments, students will be able to better prepare for their own future discoveries and contributions.

FAS Divisional Distribution: None

GENED 1038

Sleep

T 0300 PM - 0500 PM

*Charles Czeisler, Frank Scheer*Course ID: 212896
2026 Spring (4 Credits)

How does sleep affect your health, your safety, and our society? What is sleep? Why do we sleep? Why don't we sleep? How much sleep do you need? What are circadian rhythms? How do technology and culture impact sleep? This course will explore the role of sleep and circadian timing in maintaining health, improving performance and enhancing safety. We will evaluate the causes and consequences of the epidemic of sleep disorders and deficiency in our society, with particular attention to impacts on brain (learning and memory, mood and cognition) and body (appetite and metabolism, hormones and heart) functions. Personal and public policy approaches to issues such as drowsy students, drowsy drivers and drowsy doctors will be addressed.

Requires: Course open to Undergraduate Students Only

FAS Divisional Distribution: None

GENED 1046

Evolving Morality: From Primordial Soup to Superintelligent Machines

MW 0130 PM - 0245 PM

*Joshua Greene*Course ID: 203129
2026 Spring (4 Credits)

How can we understand the evolution of morality—from primordial soup to superintelligent machines—and how might the science of morality equip us to meet our most pressing moral challenges? In this course we'll examine the evolution of morality on Earth, from its origins in the biology of unthinking organisms, through the psychology of intelligent primates, and into a future inhabited by machines that may be more intelligent and better organized than humans. First, we ask: What is morality? Many people believe that morality descends from above, as divine commands or as abstract, timeless principles akin to mathematical truths. Here we take an empirical approach to morality, viewing it as a natural phenomenon that rises up from below—born of the strategic interactions among lifeforms and societies struggling to exist. Next, we take a scientifically informed look at the foundational questions of moral and political philosophy. Many people believe that the "is" of scientific knowledge has nothing to do with the fundamental "oughts" of morality, that science and morality exist in separate realms (and belong in separate courses). Here we challenge this assumption, asking whether our scientific self-knowledge can, and should, change our views about what's right and wrong and how a society should be organized. Finally, we consider the distinctive moral challenges posed by what may be the next stage in Earth's evolutionary history: the rise of artificial intelligence. Many people believe that there is and always will be a fundamental division between human minds and machines. Here we challenge this assumption, going beyond the tropes of science

fiction and drawing instead on the latest advances in cognitive neuroscience and neurally inspired artificial intelligence. Our conclusions will have implications for moral challenges of the near and more distant future: Can self-driving cars, military drones, and life-like robots be programmed to behave morally? Will artificial intelligence displace human labor? If so, how can our societies adapt? Could machines displace humans entirely? If so, how can we stay in control? If machines do take over, will they be our conquerors or our children? Across diverse topics, this course explores the implications of a single idea: that the wonder we see around us, and ahead of us, is the product of competition and cooperation at increasing levels of complexity.

Course Note: Not open to students who have taken PSY 2250. Prior to Spring 2019, this course was offered as PSY 1002.

Requires: Anti-requisite: Cannot be taken for credit if PSY 1002 already completed

FAS Divisional Distribution: None

GENED 1049

East Asian Cinema

W 1245 PM - 0245 PM

Jie Li

Course ID: 110464
2026 Spring (4 Credits)

Instructor Permission Required

How can we critically analyze and creatively respond to films, meanwhile letting cinema open up a window to other cultures and histories while serving as a mirror for ourselves and our own times? This course introduces major works, genres, and waves of East Asian cinema from the silent era to the present, including films from Mainland China, Japan, Korea, Taiwan, and Hong Kong. We will discuss issues ranging from formal aesthetics to historical representation, from local film industries to transnational audience reception. This course does not assume prior knowledge of East Asian culture or of film studies, but rather seeks to provide students with a basic understanding of modern East Asian cultural history through cinema, and with an essential toolkit for analyzing film and media, including narrative, cinematography, editing and sound. In addition to critical approaches, students are strongly encouraged to creatively respond to course materials by collaborating on their own short films, beginning with the illustration of film terms in the first two weeks and culminating in the "Golden Monkey Awards"—a class screening of final projects with Oscar-like awards in various categories. As a General Education course, East Asian Cinema will help students develop aesthetic responsiveness and interpretive ability to moving images in an increasingly media-saturated world. While becoming acquainted with some analytical vocabulary and critical approaches to cinema, students will also gain insights into East Asian cultures and histories, aesthetic traditions and ethical values, as well as the politics and economics that went into the films' production and reception. Above all, the course will encourage students to be creative and enterprising with the digital media technologies at our disposal, to engage in collaborative teamwork and experiment with unorthodox ways of looking at the world through amateur filmmaking.

Course Note: All films subtitled in English. No prior knowledge of East Asian history or film studies necessary.

FAS Divisional Distribution: None

GENED 1051

Reclaiming Argument: Logic as a Force for Good

No meeting time listed

Ned Hall

Course ID: 112199
2026 Spring (4 Credits)

Instructor Permission Required

Argument and persuasion are features of all of our lives that can be as challenging and fraught as they are unavoidable and essential; what is the best way for us to handle them? Our lives are awash in argument and persuasion. This course aims to teach you how to manage argument and persuasion in your own life – not just with skill, but ethically. Accordingly, we will have two main goals. The first is to develop your skill at recognizing the myriad ways in which language can be used and misused as a tool for persuasion, by teaching you a variety of techniques drawn from formal logic, linguistics, and the discipline of argument-mapping. Master this skill, and anytime someone attempts to persuade you of something, you will be able to understand the structure of their attempt so deeply that you need not fear manipulation, but can decide for yourself whether you wish to sign on to the conclusion they want you to reach. Our second goal is even more important: we hope to show you how you can – and why you should – construct your own arguments with such clarity, honesty, and logical transparency that the people you direct them to will be optimally placed to decide, for themselves, whether and why they ought to agree with you. In this way, you will come to see argument not primarily as a contest to be won or lost, but as something that should be reclaimed for a more noble purpose: building genuine understanding between people, even across profound differences of viewpoint.

FAS Divisional Distribution: None

Race in a Polarized America

TR 1200 PM - 0115 PM

Jennifer Hochschild

Is the United States a beacon of liberal, democratic, diverse values and practices, that also has a pattern of racial injustice – or is the US at its core a white supremacist society, in which some people aspire to creating a genuinely tolerant liberal democracy? This course addresses these questions by examining policy disputes around issues such as incarceration and policing, free speech, the role of biology in ancestry and medical care, electoral politics, activism, and movement across borders. We will examine class, nationality, and gender differences within and across groups, and how group boundaries are made stronger or weaker. We will consider how to reduce unproductive polarization, and how you --the new generation of citizens of the world -- can promote a better America even, or especially, when we do not agree on just what "better" entails. Course readings range from public speeches and interviews to works in political science, sociology, economics, and a bit of genomic science. You will learn how and where the United States has progressed in promoting group equality and fairness, as well as where it has not or has even moved backwards. You will end the course with a deeper understanding of the core American paradox of the persistence of group hierarchy in a country dedicated to democracy, equality, and liberty, and what people such as yourselves can do to resolve that paradox.

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FAS Divisional Distribution: None

The Global Heart Disease Epidemic: Stopping What We Started

MW 0900 AM - 1015 AM

Instructor Permission Required

Richard Lee

What are you willing to do for the health of others? Heart diseases have killed occasional humans since ancient times, but only in the past century have heart diseases become epidemic throughout the world. In fact, the first description of a heart attack in a human was not until 1912. In the current century, heart diseases will be the leading global cause of death, and the majority of those heart disease deaths will actually occur in the developing world. The epidemic of heart disease has been driven by many social, economic and technological events. Some of these events have been dramatically detrimental to human health, such as the accidental invention of the American cigarette by a slave in North Carolina in the 19th Century—an invention that is projected to kill one billion people between 2000 and 2100. Other events, such as advances in public health and safety, have been beneficial by extending lifespan and preventing early death, but they have also allowed age-related heart diseases to explode. Technological advances have improved our economic productivity but also led to changes in our lifestyles that promote heart diseases. In this course, we will consider the complex relationship of health and society by examining the epidemic in common heart diseases. We will explore how major lifestyle factors such as tobacco, alcohol, exercise and diet affect health, and we will also consider how economics and politics powerfully influence health. We will also discuss the role of government and our obligations to each other, and to future generations.

Course Note: You may not take GENED 1053 if you have previously taken SCRB 175.

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Requires: Anti-Req: GENED 1053

FAS Divisional Distribution: None

Human Nature

What makes us human and why does it matter? What makes us psychologically and behaviorally human? Why is this important? In what ways are humans similar to other species, and how are we different? What are the evolutionary origins of the behavioral and psychological features found across human societies, including parental love, sibling rivalry, pair-bonding, incest aversion, social status, war, norms, altruism, religion, language and cooking? At the same time, how can we account for the immense diversity we observe in behavior and psychology across time and societies? Tackling these questions within a broad evolutionary framework, the course will draw on the latest insights and evidence from evolutionary biology, primatology, anthropological ethnography, neuroscience, genetics, linguistics, economics and psychology. We'll contextualize contemporary behavior by examining studies of non-human primates, especially chimpanzees, and a broad range of human variation based on comparative studies of hunter-gatherers, herders, agriculturalists and—most unusual of all—people from societies that are WEIRD (Western, Educated, Industrialized, Rich and Democratic). Along the way, we'll see how culture has driven much of our genetic evolution and runs deep into our evolutionary history. We'll consider how understanding the evolutionary origins of human behavior, psychology, and culture informs how we approach contemporary issues such as patriarchy, polygamous marriage, sex differences, child abuse, mating preferences, homosexuality, racism, psychological differences among populations and the use of oral contraceptives.

Requires: Course open to Undergraduate Students Only

FAS Divisional Distribution: None

GENED 1059

Moral Inquiry in the Novels of Tolstoy and Dostoevsky

TR 1030 AM - 1145 AM

Justin Weir

Course ID: 220117

2025 Fall (4 Credits)

Instructor Permission Required

How can the novels of Tolstoy and Dostoevsky help us think differently about everyday moral dilemmas that are often seen as the prerogative of religion, politics, or philosophy? This course considers how Tolstoy and Dostoevsky take up moral inquiry in their fiction, introduces students to philosophical texts that informed their major fiction, and asks why the novel as a literary genre may be a good forum for the discussion of ethics. We will read Tolstoy's Anna Karenina, Dostoevsky's Notes from Underground and The Brothers Karamazov, as well as selected texts from Rousseau, Schopenhauer, Nietzsche, and others.

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FAS Divisional Distribution: None

GENED 1062

Ballots and Bibles: Why and How Americans Bring Scriptures into Their Politics

MW 1030 AM - 1145 AM

David Holland

Course ID: 212843

2026 Spring (4 Credits)

Why do Americans' sacred texts have a close, frequently fraught relationship with their political history? In 2018, in a public speech to law enforcement officers, the attorney general of the United States used a scriptural passage to defend tougher implementation of immigration laws. His reference bewildered observers who were unaware of a long tradition of citing Romans 13 in American political controversies, including such formative conflicts as the American Revolution and the sectional crisis over slavery. This course introduces students to a complex history of political invocations of scripture, encouraging them to think about why this practice persists, the interpretive strategies it involves, and the implications of such scriptural appeals for civic culture. Co-taught by faculty with expertise in biblical studies and American history, the course asks students to engage texts thoughtfully, to consider historical contexts thoroughly, and to see why these texts and their use matters in the present. Course materials includes primary sources (e.g., campaign speeches, Congressional debates, Civil Rights slogans) and scholarly literature, such as the wealth of research on the history of biblical justifications for war or the legal theories that guide applications of the First Amendment. Student projects afford class participants the chance to engage in both historical research and textual hermeneutics. The objective of the course is to equip students to recognize the historical legacies that contemporary political conversations carry, to engage

critically the modes of textual interpretation that inform political rhetoric, and to write cogently about the complex implications of political appeals to scriptural authority.

FAS Divisional Distribution: None

GENED 1067

Creativity

TR 1200 PM - 0115 PM

David Atherton

Course ID: 215890
2026 Spring (4 Credits)

Instructor Permission Required

Where does creativity come from, how does it work, and how can we deepen its role in our own lives? Geniuses are said to possess it. Self-help books offer to teach it. Both the arts and the sciences celebrate it. It sits at the heart of some of our oldest myths and is the subject of up-to-the-minute neuroscientific research. Some say it comes in momentary flashes; others call it a way of life. Some identify it as the key to deep fulfillment; others claim that it entails intense suffering. Many agree that it sets us apart as a species—but does it? What is creativity? How have humans made sense of it across centuries and cultures, and what role might it play in our lives today? Exploring creativity takes us into the very question of what makes us human, and the answers we discover can help equip us for the lives we will lead beyond the classroom. This course casts a wide net, crossing disciplines as it takes us from ancient treatises on the art of poetic composition to modern brain scans, and from centuries-old debates over intellectual property to present-day questions of artificial intelligence. Is creativity the same as originality? Can plagiarism be creative? Should one own the fruits of one's creative labor? What happens in the brain at moments of creative insight? Can creativity be "hacked"? We will hear directly from practicing artists and experts as we explore these questions through regular, small-stakes creative experiments and a creative final project. By course's end, you will have a deeper sense of where creativity belongs in your own life—and of how you might share what you have discovered with others.

FAS Divisional Distribution: None

GENED 1068

The United States and China

No meeting time listed

William Kirby

Course ID: 217632
2026 Spring (4 Credits)

Instructor Permission Required

Are the United States and China destined for conflict or can they lead the world in addressing common challenges? The United States and China are global economic and military powers. They have a rich history of commerce, friendship, alliance, and antagonism. Both countries have been shaped and re-shaped by the nature of their mutual relations. Their relationship is in crisis, the outcome of which will do much to define the world of the 21st century. This course invites students to examine together the present and future of U.S.-China relations in the light of their past. What are the enduring patterns and issues in China's relations with the United States? How have these two countries perceived each other over time? How has trade defined the relationship from the Opium War to Huawei? How has war shaped experiences in the United States and China, and what are the risks of military confrontation today? What are the prospects for cooperation on global crises such as climate change? What is the role of American and Chinese universities, such as Harvard and Tsinghua, in shaping mutual relations in a time of global pandemic? The course emphasizes active, participant-centered discussions of major issues, texts, and contemporary events, and will engage with Harvard Business School cases, experts on the U. S.-China relationship, and the rich resources of Harvard's schools and the Harvard Center Shanghai. In their final project, students, working in groups, will address a central challenge in the Chinese-American relationship and propose a solution.

FAS Divisional Distribution: None

GENED 1070

Life as a Planetary Phenomenon

TR 1200 PM - 0115 PM

Dimitar Sasselov

Course ID: 120881
2026 Spring (4 Credits)

Instructor Permission Required

Is there alien life beyond Earth? What is it about Earth that enables life to thrive? This question was reinvigorated with the 2016 ground-breaking discovery of a habitable planet around the nearest star, Proxima Centauri. A decade of exploration confirmed that such planets are common in our galaxy, and the commonality of habitable planets has raised anew some age-old questions: Where do we come from? What is it to be human? Where are we going? Are we alone in the universe? And last, but not least, what are the dangers of becoming a multi-planet

species? Life and planets are intricately linked through geological processes, chemistry, and ultimately, biology, all of which you will explore in this course as we endeavor to answer questions about our place on this planet and beyond. You will gain knowledge of some natural sciences fundamentals while exploring current issues in biotechnology and space exploration technology. This course aims to equip you with both a conceptual understanding of Earth and its place in the universe as well as the quantitative reasoning to think critically about it. Hands-on experiences are central to accomplishing these objectives.

FAS Divisional Distribution: None

GENED 1071

African Spirituality and the Challenges of Modern Times

Course ID: 212849
2025 Fall (4 Credits)

TR 1200 PM - 0115 PM

Jacob Olupona

What can African spiritual traditions contribute to human flourishing in the contemporary age? Taking the Marvel blockbuster *Black Panther* as a starting point, the course will explore the African spiritual heritage both on the continent and the diaspora communities (Black Atlantic diasporas). We will begin by spelling out the features of African indigenous religious traditions: cosmology, cosmogony, mythology, ritual practices, divination, healing ceremonies, sacred kingship, etc. We will then explore how these traditions have traveled across the oceans to the new world and how they have contributed to the emergence of new forms of black identities in Brazil, the Caribbean, the USA, and more. This class will equally look at African religious encounters with Islam and Christianity on the continent, resulting in what we often call "Africa's Triple Heritage." It then considers African religious sensibilities in the contemporary period, as they relate to the issues of modernity, economic and social development, ethnic and cultural identities, class, and community relations. Finally, we will look at the status of African religion as a global tradition, not necessarily in competition with other religious traditions, but in its relationship to other world religions.

FAS Divisional Distribution: None

GENED 1074

The Ancient Greek Hero

Course ID: 113501
2025 Fall (4 Credits)

MW 1200 PM - 0115 PM

Gregory Nagy

How did ancient Greek heroes, both male and female, learn about life by facing what all of us have to face, our human condition? How to face death? Concentrating on this central human question, we will explore some of the greatest works of ancient Greek literature in English translation. For the Greeks, a special way to address the problem of death was to think long and hard about what they called heroes in their myths. Our purpose in this course is to extend that kind of thinking to the present. Assignments invite you to engage in personal reflections on the meaning of life and death in the light of what we read in Greek literature about the ordeals of becoming a hero.

FAS Divisional Distribution: None

GENED 1079

Why Is There No Cure for Health?

Course ID: 125932
2025 Fall (4 Credits)

TR 1200 PM - 0115 PM

David Cutler

Given all our technological advances, why are we still not able to prevent preventable diseases, provide affordable healthcare for millions of people, and deliver cures for curable diseases? Around the world, billions of dollars are spent on health care treatments, public health initiatives, and pharmaceutical research and development. So why are we still not able to prevent preventable diseases, provide affordable healthcare for millions of people, and deliver cures for curable diseases? And what are the best ways to address these issues? Because these questions are so large, we will focus our discussion around questions like: What steps should be taken to address epidemics? How should the United States reform its health care system? And how should prescription drugs be produced and sold? We will explore how social scientists address empirical questions, the types of data that are available, how those data are analyzed, and the confidence with which causal statements are made. By the end of the course, you will be able to dissect a large question—such as how to reform American healthcare—into its technological, social, economic, and moral components, and weigh potential solutions according to these guiding vectors.

GENED 1080**How Music Works: Engineering the Acoustical World**

MW 1115 AM - 1230 PM

*Robert Wood*Course ID: 205412
2026 Spring (4 Credits)*Instructor Permission Required*

Music and technology are two dimensions of humanity that have been interdependent for tens of thousands of years; what can this intersection teach us about our past and our future? How does Shazam know what song is playing? Why do some rooms have better acoustics than others? How and why do singers harmonize? Do high-end musical instruments sound better than cheap ones? How do electronic synthesizers work? What processes are common in designing a device and composing a piece of music? How is music stored and manipulated in a digital form? This class explores these and related themes in an accessible way for all concentrators, regardless of technical background. The class is driven by hands-on projects to enhance your technical literacy, a critical skill for anyone designing solutions to today's most pressing and complex issues. The projects are designed so that the creativity of students in all fields will have a role to play. Lectures, demonstrations, and guest lecturers/performers are integrated into the class to build foundational knowledge and to inspire. We will also explore wider social and historical themes related to music and acoustics. The class is approached from an engineering perspective, using music and musical instruments as the framework to introduce a broad array of concepts in physics, mathematics, and engineering. Requires no previous exposure to physics or calculus beyond the high school level.

FAS Divisional Distribution: None

GENED 1083**Permanent Impermanence: Why Buddhists Build Monuments**

MW 1200 PM - 0115 PM

*Jinah Kim, Eugene Wang*Course ID: 207917
2026 Spring (4 Credits)*Instructor Permission Required*

Why do Buddhists build monuments despite the core teaching of ephemerality, and what can we learn from this paradox about our own conception of time and space? Everything changes. This is, in its simplest and most fundamental formulation, one of the essential teachings of Buddhism. Buddhist communities throughout history have preached, practiced, and written about the ephemerality and illusoriness of our everyday lives and experiences. Ironically, however, many of these same communities have attempted to express these teachings in the form of monumental structures meant to stand the test of time. Some of the world's greatest cultural heritage sites are a legacy of this seeming contradiction between the impermanence that is a central presupposition of Buddhist thought and the permanence to which these same monuments seem to aspire. If the world is characterized by emptiness and the Self is illusory, how does one account for the prodigious volume of art and architecture created by Buddhists throughout history? This Gen Ed course takes a multicultural and reflective engagement with the challenges presented by this conundrum through a study of Buddhist sites scattered throughout time and space. Pertinent topics such as cosmology, pilgrimage, materiality, relics, meditation, and world-making will be explored. Through these Buddhist monuments in South and Southeast Asia, the Himalayas, Central Asia, China, Korea, and Japan, students will learn about the rich, diverse world of Buddhist practice and experience.

FAS Divisional Distribution: None

GENED 1088**The Crusades and the Making of East and West**

TR 1200 PM - 0115 PM

*Dimiter Angelov*Course ID: 212838
2026 Spring (4 Credits)*Instructor Permission Required*

The course explores the birth of the civilizational categories of East and West during the era of the Crusades, one of the most significant and deeply symbolic events in human history. A series of wars in the Middle Ages fought between Latin Christians and the perceived enemies of Christendom, the Crusades saw the first experiments of European colonization, the rise of Western commercial capitalism, and the emergence of new cultural identities and boundaries across Europe and the Mediterranean. Students will learn about the origins of the Crusades, the most important expeditions, and the long-term consequences. This course is about the Crusades both in history and in memory, about communities in war and peace, and about stories and memories that have endured to the present day.

GENED 1089

The Border: Race, Politics, and Health in Modern Mexico

TR 1030 AM - 1145 AM

Gabriela Soto Laveaga

Course ID: 204416
2025 Fall (4 Credits)*Instructor Permission Required*

If we want to understand our own history we need to look at the fringes, in this case the ongoing tensions and violence at the U.S.-Mexico border illustrates what we value and fear as a society. Our southern border is continuously covered in newspapers, social media, and political debates. Why does the Mexico-U.S. border continue to be a space of discussion and controversy? In the twenty-first century, as nations across the world militarize or rebuild their borders, the U.S.-Mexico border serves as a vital case study to understand the ongoing trend of tightening national borders—it also allows us to better understand our own history, politics, and how we shape our view of the world. In addition to examining the creation of the U.S.-Mexico border in 1848 to the present, this course examines how ideas of public health have historically been used in border debates. For many, the border served (and serves) as a protective barrier from poverty, violence, and, especially, disease. By the early twentieth century many Mexican bodies were perceived as "alien," "illegal," and in need of patrolling. Yet these descriptions were also used by Mexican politicians to describe and isolate Indigenous groups and the Chinese within Mexico. By examining, for example, border ecological disasters, response to epidemics and a pandemic, and how ideas of race and health played out within Mexico and the U.S. we can better understand borders in general.

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FAS Divisional Distribution: None

GENED 1090

What Is a Book? From the Clay Tablet to the Kindle

TR 0130 PM - 0245 PM

David Stern

Course ID: 212857
2026 Spring (4 Credits)*Instructor Permission Required*

What is the nature of the object that has been the focus of your education since you began to read--and at the core of Western culture since its inception-- and why is it important to understand and appreciate its presence before your eyes even if it's all but transparent? You have spent much of your life since kindergarten (and perhaps earlier) reading books; and you will spend much of your time at Harvard continuing to read them. But do you even know what a "book" is? Is it merely a conveyor, a platform, for presenting a text? Can a book have a use other than being read? Does the nature of the material artifact inscribed with words shape or influence the way you understand their meaning? Do people read a scroll differently than they do a book with pages? Or a digital text on a screen? Why does the physical book persist in the digital age? To answer these questions, we will study the many different material forms in which texts in Western culture have been inscribed—from tablets to e-books—and the technologies that have enabled their creation. We will also explore every possible aspect of the object we know as a "book," from the title page to the index, and from the layout of a page to the use of illustrations and decorations—and what each of these features of the book can tell us about its historical role, how readers have used the book, and what it has meant to them. Books we will look at will range from the Bible to Vesalius, from Homer to Harold and His Purple Crayon. Sections will visit the Weissman Preservation Center, Houghton Library, Fine Arts Special Collections, and the Harvard Art Museum, and all students will be required to study a manuscript close-up and participate in a printing workshop. The book as a material object is the focus of the course. The capstone project will be the creation of a (short) book by each student and an accompanying paper explaining its place in the history of the book in the West. After taking this course, you will never look at a book in the same way.

FAS Divisional Distribution: None

GENED 1091

Classical Chinese Ethical and Political TheoryCourse ID: 121778
2025 Fall (4 Credits)

MW 1200 PM - 0115 PM

Michael J. Puett

What if many of our assumptions about the self and about how to live fully are limiting and even dangerous, and what other possibilities might we be able to find in classical Chinese philosophy? What is the best way to live a fuller and more ethical life? Concretely what should we do to begin to live in a more flourishing and inspiring way? Questions such as these were at the heart of philosophical debates in China. The answers that classical Chinese thinkers developed in response to these questions are among the most powerful in human history. Regardless of whether one agrees with them or not, they should be studied and taken seriously by anyone who cares about ethics, politics, and the ways to live life more fully.

FAS Divisional Distribution: None

GENED 1092

American Society and Public Policy

MW 1030 AM - 1145 AM

Theda Skocpol, Mary Waters

Course ID: 119025
2025 Fall (4 Credits)

Instructor Permission Required

How do patterns of American economic, political, and social inequality shape our policy responses to working families, immigration, and poverty? In a period of contentious politics, Americans are debating fundamental issues about economic wellbeing, social justice, and the state of our democracy. How can the nation expand opportunity and security for workers and families following years of rising socioeconomic inequalities and shifts in the relationship of families to work? What is the relationship between rising economic inequality and rising political partisanship? How has ongoing partisan polarization and the design of our political institutions affected U.S. responses to social issues? How do we regulate immigration and citizenship and cope with surges in refugees and asylum seekers? Controversies in these areas are bitter and persistent, and this course will introduce students to the ways the United States has dealt with each set of challenges.

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FAS Divisional Distribution: None

GENED 1093

Who Lives, Who Dies: Reimagining Global Health

TR 1030 AM - 1145 AM

Salmaan Keshavjee, Lindsey Zeve, Jason Silverstein, Luke Messac, Luke Messac

Course ID: 124127
2025 Fall (4 Credits)

How can health care systems be restructured to provide high quality care even to the poorest and most vulnerable people on our planet? Health care is never just about medicine. It is about people. It is about those pushed to the margins, whose lives are ground down by poverty, trapped by unjust systems, and devalued by forces that declare some lives worth less than others. This course challenges students to reimagine disease, illness, and injury as biosocial phenomena—shaped as much by poverty, racism, and political violence as by pathogens. From rural Malawi to American prisons, from tuberculosis programs to the overdose crisis, we will trace the roots of global health inequities and examine the ideologies that sustain them. But this course is not only about identifying failures. It is about how we stand alongside the sick and destitute to fight for a future where health is a human right.

FAS Divisional Distribution: None

GENED 1098

Natural Disasters

TR 1030 AM - 1145 AM

Brendan Meade

Course ID: 112430
2025 Fall (4 Credits)

What makes our planet so dangerous? From Mexico to India, San Francisco to Tokyo, natural disasters have

shaped both the surface of our planet and the development of civilizations. These catastrophes claim thousands of lives and cause tens of billions of dollars in damage each year, and the impact of natural disasters is only increasing as a result of human population growth and urbanization. This course uses the methods and skills associated with earth science to help you to develop an understanding of both the causes and impacts of these events. Readings will be assigned from the textbook *Natural Disasters* by Patrick Abbott (11th edition), to deliver the scientific content - recorded lectures will be available throughout the course, and live lectures and discussion sessions will be held each week to address any difficulties with the material, to facilitate discussion, and to provide an opportunity for interacting with fellow students and the teaching staff. By the end of this course, you will be able to understand the ways in which societies can systematically anticipate and prepare for the kinds of natural disasters which many people have come to assume are inevitable.

FAS Divisional Distribution: None

GENED 1099

Pyramid Schemes: What Can Ancient Egyptian Civilization Teach Us?

Course ID: 126641
2026 Spring (4 Credits)

MW 1200 PM - 0115 PM

Peter Manuelian

How does ancient Egypt enlighten our times about what defines a civilization, and were those ancient humans, with their pyramids, hieroglyphs, and pharaohs, exactly like or nothing like us? How much of your impression of the ancient world was put there by Hollywood, music videos, or orientalist musings out of the West? How accurate are these depictions? Does it matter? This course examines the quintessential example of the "exotic, mysterious ancient world" - Ancient Egypt - to explore these questions. Who has "used" ancient Egypt as a construct, and to what purpose? Did you know that pyramids, mummies, King Tut, and Cleopatra represent just the (overhyped) tip of a very rich civilization that holds plenty of life lessons for today? Combine the ancient Egyptians' explanations of the world's natural forces with all the social complexity of human interaction and you have a fully formed society—about four millennia of accumulated experience! Can investigating the "real" ancient Egypt unpack our current misconceptions about the land of the pharaohs? Hardly morose, tomb-building "zombies," the Egyptians embraced life in all its messy details. Piety and corruption, imperialism and isolationism, divinity and mortality all played significant roles in life along the Nile. What can we learn about the nature of politics and society in our time by seeing the parallels between the ancient past and today? We will explore archaeology, modern Egyptomania, repatriation, new digital visualization technologies, and international politics. What was ancient Egyptian racism? What is modern archaeological racism? Who owns the past? Who needs it? We will take excursions into Egyptian art, history, politics, religion, literature and language (hieroglyphs), plus the evolution of Egyptology as a discipline. Field trips to the Museum of Fine Arts, Boston, the Peabody Museum, and the Harvard Museum of the Ancient Near East (formerly Harvard Semitic Museum) are included, along with the famous Giza Pyramids in 3D. Students will gain a transformative appreciation for the outstanding monuments and intellectual traditions of ancient Egypt. And with newly broadened horizons, we will debunk many popular myths.

Requires: Course open to Undergraduate Students Only

FAS Divisional Distribution: None

GENED 1102

Making Change When Change is Hard: the Law, Politics, and Policy of Social Change

Course ID: 212858
2025 Fall (4 Credits)

M 1245 PM - 0245 PM

Cass Sunstein

How does social change happen? How does change happen? When, why, and how do people, and whole nations, come to together to influence large-scale policies and actions on issues like the environment, equality, criminal justice? Why do revolutions occur? This course will try to answer these questions, and do so by exploring a diversity of efforts related to societal change. In an effort to draw general lessons for those interested in making change, we will assess a range of political and legal approaches; examine mass movements and the leadership by organizations, governments, and individuals; and attempt to gauge outcomes. Using research from psychology, political science, and economics, and focusing on case studies, the course will explore the ideas behind several arguments: 1) big problems are rarely resolved with comparably big solutions, but instead are better met with small acts of reform; 2) coalition-building among strange bedfellows is usually indispensable; 3) agents of change fare best when they look to measure their impact and never lose sight of the real world results they seek, rather than the expressive highs along the way; 4) informational "cascades" are possible and critical, as people follow one another; and 5) group polarization can be both desirable and dangerous, as groups become more heated and more extreme.

FAS Divisional Distribution: None

GENED 1104

Science and Cooking: From Haute Cuisine to Soft Matter Science

TR 1200 PM - 0115 PM

Pia Sorensen, David Weitz

How can we use scientific principles to make better food, for ourselves and for the world? Food and cooking are part of your everyday life. Whether you are a skilled chef or a home-cook, what you do in the kitchen is deeply rooted in science. This class brings together top chefs and Harvard scientists to explore how everyday cooking and haute cuisine can illuminate basic principles in physics and chemistry. Throughout the semester you will watch as chefs reveal the secrets behind some of their most famous culinary creations. Inspired by such cooking mastery, we will then explore the science behind the recipes. Students will gain a solid understanding of the properties and fundamental behaviors of soft matter materials. All food is made of soft materials, and cooking relies on many of their fundamental properties. Topics will include: emulsions, illustrated by aioli; elasticity, exemplified by the done-ness of a steak; and diffusion, revealed by the phenomenon of spherification, the culinary technique pioneered by Ferran Adria. The course includes laboratory work where students develop their skills as experimental scientists. Other assignments include weekly homeworks, in-class exercises, and a final project where students explore the science of a culinary topic of their choosing.

Course Note: Occasionally there will be an optional 15-30 minute question and answer session with visiting chefs.

FAS Divisional Distribution: None

GENED 1105

Can We Know Our Past?

MW 1030 AM - 1145 AM

Jason Ur, Rowan Flad

In a time when histories are being contested, monuments removed, and alternative facts compete with established orthodoxy, how do we evaluate competing narratives about what really happened in the past? What happened in the past? How do you know? Even though today we take great pains to document every major event that occurs, more than 99% of human history is not written down. How, then, can we determine with any certainty what people did, let alone thought about, hundreds, thousands, and even millions of years ago? This course addresses these and other fundamental questions: Can we ever really know what happened in the past? If the past is "dead and gone," how do we know what we (think we) know about it? And what is our degree of certainty about the past societies and cultures that historians, archaeologists and others study today? Through hands-on interaction with artifacts, experiments and other analytical methods you will consider how these approaches relate to different "stakeholders" – groups of people whose understanding of themselves is rooted in a connection to history. By the end of this course, you will have a sense of how your knowledge of the seemingly-distant past is, in fact, intimately tied to your experiences in the contemporary world.

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FAS Divisional Distribution: None

GENED 1112

Prediction: The Past and Present of the Future

W 0300 PM - 0545 PM

Alyssa Goodman

How and why do humans try to divine their own futures? Human beings are the only creatures in the animal kingdom properly defined as worriers. We are the only ones who expend tremendous amounts of time, energy, and resources trying (sometimes obsessively) to understand our futures before they happen. While the innate ability of individual people to predict has not changed much in the past few millennia, developments in mathematical and conceptual models have inordinately improved predictive systems. These systems have integrated comparisons to past results and quantified how "certain" we can be about various aspects of the future -- processes that were, in many cases, inconceivable at one point in the past. This course is a coordinated

HARVARD UNIVERSITY 752 of 1792

Course ID: 126638

2025 Fall (4 Credits)

Course ID: 112378

2025 Fall (4 Credits)

Instructor Permission Required

Course ID: 212919

2026 Spring (4 Credits)

Instructor Permission Required

investigation of the history and future of prediction, beginning with Ancient Mesopotamians reading signs in sheep entrails and ending with modern computer simulations for climate, health, wealth, and the fate of our Universe. In this class, you will design your own predictive systems to critically engage with assumptions about how the world works and situate your explorations in a study of how motivations and techniques for divining the future have changed—and not changed—throughout human history.

Course Note: For more information, please see the Prediction Project website at <http://predictionx.org>.

FAS Divisional Distribution: None

GENED 1114

Course ID: 212855

Painting's Doubt: A Studio Course

2025 Fall (4 Credits)

R 0130 PM - 0245 PM

Instructor Permission Required

Matt Saunders

How does a hands-on practice of image making (painting) lead us to perceive, represent and inhabit our world differently? Painting is an engagement between the self and the world. It is a practice of embodied making, and, as a language outside of words, can think around conditioned understanding. This introductory studio art course proposes learning to paint as a new experience of relating to the world, and through painting we will investigate not only what we have to say, but what we have to see. Studio assignments in small sections are complemented by weekly lectures, visiting artist presentations, readings and visits to Harvard's collections. The primary materials for this course will be oil on canvas, with some excursions into drawing and work on a paper. No experience is necessary, except a willingness to make a mess.

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You need to commit to a scheduled timed studio section when you enroll. (This course does not have a placeholder section.) These studio sections will fill up quickly on a first come first served basis and there is no guarantee you will be able to switch to another studio section later on. If you cannot make any of the studio sections you will not be able to take the course. If you are not successful in the lottery but want to be considered for this course then please re-petition the course (once the lottery has cleared your original petition.) Limited seats may open up after the claim seat deadline and during add/drop period.

FAS Divisional Distribution: None

GENED 1115

Course ID: 214486

Human Trafficking, Slavery and Abolition in the Modern World

2026 Spring (4 Credits)

MW 0130 PM - 0245 PM

Instructor Permission Required

Orlando Patterson

Why do slavery, human trafficking and other forms of servitude thrive today globally, including in the USA, and what can we do about it? We often think of slavery as being a dark chapter in our past, but this is a tragic oversimplification. What defines slavery in the modern world, and what are the moral, political and social implications of its continued existence? As we explore its underpinnings, we discover that all of us may be in some way complicit in its survival. This course surveys the nature, types and extent of modern servitude such as transnational and domestic prostitution, forced marriage, labor trafficking and forced domestic labor, child soldiering and other forms of enslavement of children, organ trafficking and other health aspects of trafficking, debt-bondage, and the forced exploitation of other vulnerable groups such as refugees and stateless persons. Throughout the course, but especially in the final part, we examine anti-trafficking and anti-slavery measures and movements and ways in which you can increase awareness or become involved. You will, by the end of our exploration, be able to trace the moral and ethical arguments surrounding human slavery in its various forms, understand the ways in which this problem still affects so many people, and what can and should be done about it.

FAS Divisional Distribution: None

The Holocaust

TR 1030 AM - 1145 AM

Kevin Madigan

Who is responsible for genocide? Through the lens of the Holocaust – perhaps the most-studied genocide of the modern era – we will grapple with the issues of good and evil, blame and responsibility, duty and dissent as they pertain to violence enacted at the personal and state levels. What is the responsibility of "citizens and citizen leaders" in the face of local and global crises brought on by genocide, refugee catastrophes, terror, neo-fascism, etc.? And how do we make meaning out of what seems senseless? The course will address the historical background and context of the Holocaust, competing theories about who was responsible and why, and representations of the Holocaust in film and literature.

Course Note: This course is open to undergraduate students only.

FAS Divisional Distribution: None

The Political Economy of Globalization

TR 1030 AM - 1145 AM

Lawrence H. Summers, Robert Lawrence

How can a globalizing world of differing countries – rich and poor, democratic and authoritarian – best promote inclusive growth and human security by meeting the challenges of inequality, climate change, rising populism, and war? The world is profoundly interconnected through technology, commerce, capital markets, and the global challenges of climate change and public health. For decades, the international economic and geopolitical order favored and supported policies to meet the challenges of integration. But today, that order is under significant strain. This course draws upon history, economic theory, and empirical evidence to shed light on the choices and trade-offs faced by governments, international institutions, businesses, and citizens as globalization evolves and this year we will explore why globalization—which has provided decades of prosperity and peace—is currently in turmoil. We will trace the history of globalization starting from ancient times to contextualize the issues of today. Topics for discussion will include: (i) fragmentation of international trade, once on a path of deeper integration, now marked by tariffs, a trade war between the U.S. and China and trade frictions between the U.S. and its allies; (ii) erosion of international norms such as territorial integrity and mutual trust; (iii) rising domestic polarization over immigration and inequality; (iv) challenges to the U.S. dollar as the world's safe-haven currency; and (v) increasingly bleak prospects for collective climate and public health action. Our goal is to expose students to diverse and competing perspectives so they can develop their own informed views on globalization. Students will engage these perspectives through readings, guest lectures from leading policy experts, and in-class debates to explore critical issues from new angles. We emphasize experiential learning. Students will act as policymakers in negotiation simulations and write policy appraisals that advocate for specific positions. While the frameworks we emphasize reflect our backgrounds as economists, this course is designed for both economists and non-economists to gain a richer understanding of how theory and evidence applies to challenges of globalization.

FAS Divisional Distribution: None

Power to the People: Black Power, Radical Feminism, and Gay Liberation

MW 1030 AM - 1145 AM

*Instructor Permission Required**Michael Bronski*

How does understanding political activists and movements in the past help us radically change the world today? An introduction to the radical American social change movements of the 1960s and 70s. We will examine the specific historical conditions that allowed each of these movements to develop, the interconnections and contradictions among them, and why their political power faded, only to reemerge in new manifestations today. Along with historical analysis, we will examine primary source materials, manifestos, autobiographies, and media coverage from the period, as well as relevant films, music, and fiction. The class will be a mixture of lecture and discussion. Midterm and final assignments will include options for engaged scholarship with community engagement projects.

FAS Divisional Distribution: None

Power and Civilization: China

2025 Fall (4 Credits)

MW 1030 AM - 1145 AM

Peter K. Bol, William Kirby

What does China's past mean for its and your future as China once again becomes the most powerful nation on earth? A century ago, the world was dominated by great empires—multinational, multicultural entities that spanned ethnic and geographic divides. But of all those empires—the Austro-Hungarian, the Russian, the Ottoman, the British and French colonial empires, and the Great Qing Empire of the Manchus—only the Great Qing survives, now reincarnated as the Chinese national state. In China today we see a new country built on the bedrock of an ancient civilization. It is in the midst of the most extraordinary economic transformation the world has seen. This development comes on top of the political, social, and cultural revolutions of the 20th century. All these changes occur against a deep historical background still much in evidence. This course explores how the world's largest and oldest bureaucratic state has dealt with enduring problems of economic and political organization. It will show how even modern answers to these challenges bear the imprint of China's history. We will explore intellectual and religious trends, material and political culture, the tension between local society and the center, art and literature, and China's multiple economic and political transformations. The consequences of the ancient Chinese political ideal of a single, civilized world empire is a central theme of the course, both from the comparative perspective of other multi-ethnic empires and in terms of the ever-broadening scope and intensity of China's global connections. We will draw comparisons with Rome between the 2nd century BCE to the 2nd century CE; with Romanov and Soviet realms in the 17th century and 20th centuries, respectively; and with Western global empires of the age of high imperialism in 19th and 20th centuries. All these empires have come and gone, while a unitary, multi-national, Chinese empire has endured. On one hand, this has been a history of conflict, in which Chinese empires used military force to control the peoples on their borders. When they failed, border peoples incorporated China into their own inland empires: the Mongols in the 13th century and Manchus in the 17th. On the other hand, it has been a history of economic and cultural relations, in which China absorbed foreign models (Buddhism from India in the 3rd century; the sovereign nation-state system from the West in the 19th century; and both industrial capitalism and Stalinist socialism in the 20th century), defended trade by land along the Eurasian silk routes and by sea with South and Southeast Asia, and put itself forward as a model state for others in East Asia and beyond. The course will enable students to debate how the choices China has made in the past bear on the challenges it faces today, when a modern "China model," with ancient roots, competes with the United States for global leadership. The course is taught with multiple pedagogies. By shifting lecture to on-line modules that include "field trips" to sites in China, class time is focused on active, participant-centered learning around major texts, works of art, and contemporary case studies. Class preparation and attendance are mandatory. Assignments include responses to online modules, weekly sections, a midterm examination, and a final group project.

Sectioning for this course will take place at the end of registration. Once you have enrolled in the course and the placeholder ("DIS") section, please rank your section preferences by 4/16/25. To do this, click on the cog icon next to the Gen Ed course in your Crimson Cart. You will then be prompted to rank the section times. Once we have your ranking, we will do our best to find you a seat in your highest-ranked available section. If none of the times work for you, you are welcome to not set any preferences and remain in the placeholder for the time being. However, please note that if enrollment does not significantly change during Add/Drop, no additional sections will be added and you will ultimately need to enroll in an available section or drop the course.

FAS Divisional Distribution: None

Borders

2026 Spring (4 Credits)

TR 1030 AM - 1145 AM

*Instructor Permission Required**Mary Lewis*

How have borders been formed historically, and what are the ethics of border construction, defense, expansion or transgression? As a society, we pay particular attention to borders when incidents such as children separated from their asylum-seeking parents or tear-gas being used to deter entry throw the legal divide between two nation states into sharp relief. But seldom do we stop to think about what a border is, or when and why some borders are defended more aggressively than others. This course looks at the modern history of borders, broadly construed, from national boundaries between sovereign countries, to supranational agreements such as the European Union. It considers how borders are erected and dissolved, both legally and materially. And it queries the legal, diplomatic, social, and ethical considerations that ensue from drawing a line between one side and another, and defending that line. We will also consider how actors within societies create internal (often racialized) boundary lines such as "gated communities" or "redlined zones," that are sometimes extra-legal or even illegal, but have profound effects on the everyday lives of individuals and groups.

FAS Divisional Distribution: None

Global Japanese Cinema

2025 Fall (4 Credits)

MW 1030 AM - 1145 AM

*Instructor Permission Required**Alexander Zahlten*

What can film from Japan tell us about the strange pair of intensifying global interconnections and rising nationalism in the world today? Global Japanese Cinema introduces some of the masterworks from the rich history of Japanese cinema as a way of exploring the global language of film. Participants will learn how to analyze moving images and the ways they influence us – a basic media literacy that we all need for life in a media-saturated society. Additionally we will learn how culture, in this case moving images, flows across the globe and transforms its meaning in site-specific ways. We will see how Japanese cinema's use of slow motion entered the American gangster film, or how samurai films helped create the Italian "Spaghetti Westerns", and many other examples. How do moving images constantly nudge us into a specific worldview, and how does the global circulation of these media subtly shift those nudges in unexpected ways? What does it mean that we nonetheless share a common media memory despite living in very different parts of the world? Join the course and explore how moving image culture functions in a networked, media saturated world!

Course Note: Japanese language skills are not required.

This course has an enrollment cap and is a part of the Gen Ed lottery. To participate in the lottery, you must first submit a petition and then rank your choices through my.harvard by 11:59 p.m. EST Tuesday, April 8, 2025. The Gen Ed lottery will run Wednesday, April 9; if you are successful in the lottery, your course petition in your Crimson Cart will turn to a green check that allows you to enroll. You will have until 11:59 p.m. EST Friday, April 11, to claim your seat. After that time, enrollment will open up to non-lottery petitioners. Please note: Only a green checkmark indicates success in the lottery. If you see either "petition pending" or a red X, it means that your petition was unsuccessful. If this is the case and you would still like to try to enroll in the course, please submit a new petition after the lottery. For timely updates and detailed instructions about entering the Gen Ed lottery, please see <https://gened.college.harvard.edu/courses/registration-and-lottery/>

FAS Divisional Distribution: None

American Food: A Global History

2025 Fall (4 Credits)

MW 1200 PM - 0115 PM

*Instructor Permission Required**Joyce Chaplin*

Food has been central to American history, from Indigenous domestication of maize (now the world's most common food staple) to European invasion in search of spices, and from the starving time in early Virginia to debates about fatness and health in the United States today. But what--if anything--is American about American food? What does food tell us about the American past and what might that past indicate about food today? How have food and eating changed over time? How have individual food choices and national food policies connected Americans to the larger world, both the social or political worlds of other human beings and the natural world of all other living beings? Readings will include primary (raw) and secondary (cooked) sources, and assignments will include two short papers, a mid-term exam, and either a final exam or an individual research paper or project.

This course has an enrollment cap and is a part of the Gen Ed lottery. To participate in the lottery, you must first submit a petition and then rank your choices through my.harvard by 11:59 p.m. EST Tuesday, April 8, 2025. The Gen Ed lottery will run Wednesday, April 9; if you are successful in the lottery, your course petition in your Crimson Cart will turn to a green check that allows you to enroll. You will have until 11:59 p.m. EST Friday, April 11, to claim your seat. After that time, enrollment will open up to non-lottery petitioners. Please note: Only a green checkmark indicates success in the lottery. If you see either "petition pending" or a red X, it means that your petition was unsuccessful. If this is the case and you would still like to try to enroll in the course, please submit a new petition after the lottery. For timely updates and detailed instructions about entering the Gen Ed lottery, please see <https://gened.college.harvard.edu/courses/registration-and-lottery/>

FAS Divisional Distribution: None

Water and the Environment

2026 Spring (4 Credits)

TR 0130 PM - 0245 PM

*Instructor Permission Required**Kaighin McColl*

How does the water cycle change us, and how do we change it? What do landslides in Brazil, droughts in California, mass migration in Syria and the collapse of Mayan civilization all have in common? Water. This course introduces students to the terrestrial water cycle: how it works, how humans manipulate it, and how it manipulates us. Students will learn about the major components of the terrestrial water cycle, including precipitation, evapotranspiration, runoff and streamflow, and saturated and unsaturated subsurface flow. We will

also learn about the causes and consequences of natural hazards associated with the water cycle -- including floods, landslides and droughts -- and examine several case studies, with a focus on human impacts. The course will consider how the water cycle has contributed to the demise of past civilizations, and explore implications for modern society in a warming world.

FAS Divisional Distribution: None

GENED 1159

American Capitalism

TR 1200 PM - 0115 PM

Sven Beckert

Course ID: 125496
2026 Spring (4 Credits)

Instructor Permission Required

What is capitalism and how has it unfolded in American history? How did capitalism emerge, expand and transform daily life in North America over the past 500 years? In this course, students will gain an in-depth understanding of how North America turned from a minor outpost of the Atlantic economy into the powerhouse of the world economy, how Americans built a capitalist economy and how that capitalism, in turn, changed every aspect of their lives. In the process, they will come to understand how contemporary capitalism is the result of centuries of human engagement, struggle, and aspirations. Topics range from the structure of Native-American economies to the economic consequences of the Civil War; from the impact of capitalism on gender relations to the changing structures of American businesses; and from the position of the United States in the world economy to the role of the government in channeling economic development. Boston merchants and Georgia sharecroppers, enslaved cotton growers and reforming statesmen, workers at the Ford assembly line and Silicon Valley entrepreneurs will all appear in the story. The course will put particular emphasis on the global context of American economic development and situate it deeply in political and social changes. Ultimately, students will gain an understanding of how the contemporary capitalism that so powerfully shapes all of our lives has emerged over the course of several centuries, and how the tools to understand the history of American capitalism can be applied to understanding our contemporary situation. Assignments in particular will encourage students to think about contemporary problems from historical perspectives.

Requires: Anti-req: Cannot be taken for credit if HS B-49 already complete

FAS Divisional Distribution: None

GENED 1160

Harvard Gets Medieval

MW 1200 PM - 0115 PM

Dan Smail

Course ID: 218241
2026 Spring (4 Credits)

Instructor Permission Required

How did our world come to be suffused with medieval images and motifs, and what do we learn about the past and ourselves as we begin to explore the fascinating time on the other side of the stereotypes? Starting in the late nineteenth century, Harvard got medieval. Through direct purchase and through the collecting activity of numerous alumnae/i, we began collecting all sorts of texts and artifacts generated by the medieval world of Arabic, Greek, and Latin civilizations. The things that arrived in Harvard's collections came in many forms, ranging from great architectural monuments and motifs to little stuff such as belt buckles, pilgrims' flasks, and fragments of pottery. Why did we want medieval stuff? And what have we since learned about the world from which it came? This is a course about objects and their meaning, focusing on the objects in Harvard's collections that derive from western Eurasia and North Africa between the fall of the Roman Empire to the eve of contact with the New World. The five modules in the course begin by introducing you to five objects—things, images, texts—in Harvard's collections. Each of these objects lies on the edges of canonical knowledge and therefore pose mysteries and invite questions. Our own exploration starts with the context of the object's acquisition and briefly explores what was happening in the world at the moment of its arrival. What did the acquisition of the medieval mean a hundred years ago? From there, we plunge into the past to explore the objects in their own context, working to grasp technologies, economies, social relations, and beliefs. Among other topics, we explore how medieval people imagined saints, miracles and witchcraft, as well as hell and other nasty regions of the afterworld. We explore trade networks and power structures and beliefs about others. We see how medieval peoples mapped visions of their own world, and work our way into the deep inner structures of their cognition, such as their understandings of time and calendar. Starting from the particular and moving to the general, lectures and assignments seek to frame the cultural context of each object and model how students can develop the skills they need to unpack and explain the unfamiliar. A major course-long assignment will invite students to make their own discoveries in Harvard's collections and elsewhere and to curate their own virtual gallery of objects that engages with the medieval world. The semester ends with a concrete proposal to the museum regarding areas of the collection that we need to build up to promote the concerns and issues of our own day.

Requires: Course open to Undergraduate Students Only

FAS Divisional Distribution: None

GENED 1161

If There Is No God, All Is Permitted: Theism and Moral Reasoning

TR 1200 PM - 0115 PM

Jay Harris

Can we have confidence that our moral claims are true? For centuries in the West, Jewish and Christian thinkers (among others) have asserted that moral judgment is impossible without some concept of the deity. So convincing were they that one important character created by a Russian author of the nineteenth century was led to express the idea (if not exactly the words), "if there is no God, all is permitted." In more recent times some thinkers have challenged this assumption, and insisted that removing (or reducing) the role of God is indispensable to proper moral discourse. This course will examine the ways in which a concept of God has informed Western moral discourse, trying to help students engage the literature as they confront the basic question, why might one think "if there is no God, all is permitted?" and why might one think if there is a God human moral achievement is diminished or impossible. Further, we will examine ways in which the differing paradigms actually affect the moral conclusions we might generate. Belief in God and denial of God's existence have each figured prominently in Western moral discourse. Arguments have been advanced that: autonomous human reasoning is incapable of arriving at moral truths without a supreme principle to ground the system (which is sometimes invested with "personality" and called God); that autonomous human reasoning can have no impact on moral behavior due to human failure that only God can "correct"; that autonomous moral reasoning is impossible, and morality can only be understood as the submission to the will of a superior moral being; that a concept of God is necessary to direct and regulate moral reasoning, but the actual confessional versions of theism are metaphysically implausible or impossible; that autonomous human moral reasoning is impossible with God, and thus only a-theism can lead to moral conclusions. This course will engage all these different themes.

FAS Divisional Distribution: None

GENED 1168

Tragedy Today

MW 0130 PM - 0245 PM

Naomi Weiss

How can ancient Greek tragedy help us to address some of today's most pressing sociopolitical problems? "It's a sad tale, it's a tragedy / It's a sad song.... We're gonna sing it anyway." So sings Hermes at the start of *Hadestown*, the hit Broadway show that deals with capitalism, demagoguery, borders, and climate change. Based on the ancient artform of tragedy, this musical provokes its audiences to reflect on very modern concerns; it also, as the show's creator Anaïs Mitchell says, "lets us cry." This course is about how and why ancient Greek tragedy provides such a powerful lens for exploring some of today's most pressing sociopolitical issues. In Athens in the fifth century BCE, thousands would gather at the theater to grapple, through the medium of tragedy, with questions that continue to preoccupy us today: What happens if a woman is in power? How different are we from foreigners? Or what happens to the victims of war? 2500 years later, ancient Greek tragedy is all around us, from Broadway to hip hop to *Game of Thrones* to TV advertisements. Its adaptations can expose forms of inequity: Luis Alfaro's play *Oedipus el Rey*, for example, highlights incarceration rates among Latinx communities in 21st-century America. They can examine recent historical events that have fundamentally affected our understandings of race, conflict, and immigration, from Apartheid and the Truth and Reconciliation Commission in South Africa (Yaël Farber's *Molara*) to the ongoing civil war in Syria (*Queens of Syria*). They can also provide models for explorations of identity—as we can see when Freddie Mercury becomes Dionysus in Queen's iconic video for "I Want to Break Free." In this course you will read, watch, and listen to some of the most recent reincarnations of ancient Greek tragedies alongside the original plays. You will think about how such an old artform can change how we respond to 21st-century problems, and how it can make us think differently about ourselves.

FAS Divisional Distribution: None

GENED 1169

What Is the Good China Story?

MW 1030 AM - 1145 AM

Wai-ye Li

Why do stories have the power to bring China to the world and the world to China? The course takes as its point of departure President Xi Jinping's call in 2013 to "tell the good China story," and in 2020 to "tell the good China story of combating coronavirus." What is the good China story? Is this the story China should tell about itself to the world? Is this about cultural self-perception, understanding the world, cross-cultural communication, or

HARVARD UNIVERSITY 758 of 1792

Course ID: 218237
2026 Spring (4 Credits)

Course ID: 218233
2026 Spring (4 Credits)

Course ID: 216288
2026 Spring (4 Credits)

simple propaganda? More importantly, how can we tell China stories from perspectives outside of China? What seems beyond dispute is the power of stories to bring China to the world and the world to China. In exploring the "fictional turn" of contemporary Chinese cultural politics as it relates to the world, we will also trace its genealogy to earlier historical moments. Stories matter in China, not only in our times but also throughout history. Narrative fiction is one of the most effective ways to engage with the Chinese past and the Chinese present. Instead of presenting China as a monolithic civilization, this course uses stories to understand "the world of China" and "China in the world" from ideological, ethnic, cultural, and geo-political perspectives. The course highlights the variety and vitality of stories from both modern and pre-modern periods. In genres ranging from religious allegory to science fiction, from moral fable to fantastic romance, from philosophical anecdote to political satire, Chinese stories have enlightened, intrigued, puzzled, and scandalized readers, reflecting and constructing ever-changing worldviews.

FAS Divisional Distribution: None

GENED 1174

Course ID: 218234
2025 Fall (4 Credits)

Life and Death in the Anthropocene

MW 0130 PM - 0245 PM

Naomi Oreskes

What does it mean for us --both as a society and as individuals -- to live in a world radically remade by the human hand? In 2019, geologists voted to make the Anthropocene a time unit in the Geological Time scale. For scientists, this means that future geologists will be able to see the effects of human activities - climate change, biodiversity loss, plastic - in the stratigraphic record and thereby distinguish this epoch from the ones that came before. But what does this mean for us, as humans living at a time where millions of species are threatened with extinction, where lead pollution reaches every corner of the globe, where endocrine-disrupting chemicals threaten our sexual identity, and climate change potentially threatens the end of the world as we know it? How will we live in a world where--as the United Church of Christ Minister James Antal has put it--nature appears to have turned against us and it may feel as if we are truly alone? Is it ethical to be happy while the world around us is falling apart? Is it possible? This course will explore the diverse meanings of the Anthropocene, from scientific, technological, literary, philosophical, cultural, theological and personal perspectives, in an attempt to answer the question: What will it mean to live and die in the Anthropocene?

FAS Divisional Distribution: None

GENED 1176

Course ID: 218476
2026 Spring (4 Credits)

LGBT Literature, Politics and Identity

TR 1200 PM - 0115 PM

Instructor Permission Required

Linda Schlossberg

What is the relationship between LGBT literary representation and politics, activism, and culture? In this course, we'll learn how sexual identity and desire are understood and represented in different social and historical circumstances. We'll move beyond the binary of identifying images as "positive" or "negative," paying attention to how depictions, definitions, and understandings of sexuality are shaped by specific historical moments, as well as the aesthetic traditions and personal experiences shaping these individual works. Along the way, we'll unpack terms such as "intersectionality," "feminist," and "queer." We'll think carefully about how the evolving nature of language and terminology—for instance, the shift from "same-sex marriage" to "marriage equality"—affects political discourse and shapes our understanding of what is possible. In addition to novels, we'll look at op-eds, essays, poems, plays, photography, performance art, and film with an eye to thinking about how different genres speak to the larger world of politics, activism, citizenship, rights, and popular culture. Learning how to decode metaphors and images in novels, films, and other works will make you a more sophisticated reader of the texts that circulate outside the classroom. As you sharpen your ability to critically analyze these works as products of particular political and historical moments, you will become a more nuanced reader of the world around you, able to think critically about other texts (not only literature, but memes, videos, blogs, games, tweets, and advertising) that circulate in our own cultural moment and their crucial relationship to identity and social change.

FAS Divisional Distribution: None

GENED 1177

Course ID: 112218
2026 Spring (4 Credits)

Language in Culture and Society

MW 1030 AM - 1145 AM

Nicholas Harkness

How is verbal art -- from story-telling to poetry and from hip hop to church song -- created from linguistic and musical form, and how does its performance mediate social relations as well as construct cultural meanings that are central to our lives? The relation is complicated rather than simple, problematic rather than straightforward. To begin to explore this question, we discuss key theoretical issues and illuminating examples that begin to sketch out an approach to linking language, culture, and society. Specifically, we consider the following problems: How is language use a kind of social action? (It is something we do; it has social effects.) How does language organize and provide access to shared concepts and beliefs? (It has something to do with the way we collaborate, socially, to represent, reflect upon, and think about the world.) How do speakers think about and reflect upon language, and how do these reflections affect how they use it? (We have presuppositions about what language is and rely on these notions to orient to and situate ourselves within social worlds). Throughout the course, we develop a set of powerful analytical tools for studying both language and culture and, ultimately, for defining their role in social life.

FAS Divisional Distribution: None

GENED 1178

Course ID: 219656
2025 Fall (4 Credits)

Mexico's Culinary Roots: 10,000 Years of Food History

TR 1200 PM - 0115 PM

Instructor Permission Required

Jennifer Carballo

How have ancient food practices shaped the ways we eat today, and how can lessons from the past help us address challenges facing the future of food? GenEd 1178 focuses on the archaeology and history of the first 10,000 years of Mexican cuisine as our case study to explore these questions. We will examine Mexico's diversity of food, drink, and cultures across time and space with evidence from archaeology, anthropology, climatology, botany, genetics, history, and more, to investigate how and why various changes in Mexican cuisine took place. The origins of menu items like tacos, burritos, guacamole, and margaritas reveal critical changes in global foodways—not just in Mexico—that continue to shape our everyday lives and the world as we know it today. You will leave this course with a better understanding of where your own food comes from, and how you have been impacted by changes in food and food culture, both in the distant past and more recently, as well as how some Mexican food practices are influencing models for healthier and more sustainable food systems. We all need to eat and drink each day to nourish our bodies. Yet how often do you pause to think deeply about why you eat what you eat? Your food habits are likely influenced by family traditions, but also by a range of other factors like income, ethnicity, religion, politics, and the environment, which are facets of our lives deeply rooted in the past. What does the food we eat tell us about ourselves, as individuals, communities, and countries, and has humanity's relationship with food changed over time? How have ancient food practices shaped the ways we eat today, and how can lessons from the past help us address challenges facing the future of food?

This course has an enrollment cap and is a part of the Gen Ed lottery. To participate in the lottery, you must first submit a petition and then rank your choices through my.harvard by 11:59 p.m. EST Tuesday, April 8, 2025. The Gen Ed lottery will run Wednesday, April 9; if you are successful in the lottery, your course petition in your Crimson Cart will turn to a green check that allows you to enroll. You will have until 11:59 p.m. EST Friday, April 11, to claim your seat. After that time, enrollment will open up to non-lottery petitioners. Please note: Only a green checkmark indicates success in the lottery. If you see either "petition pending" or a red X, it means that your petition was unsuccessful. If this is the case and you would still like to try to enroll in the course, please submit a new petition after the lottery. For timely updates and detailed instructions about entering the Gen Ed lottery, please see <https://gened.college.harvard.edu/courses/registration-and-lottery/>

FAS Divisional Distribution: None

GENED 1185

Course ID: 222072
2025 Fall (4 Credits)

The Power and Beauty of Being In Between: The Story of Armenia

TR 1030 AM - 1145 AM

Christina Maranci

How can one small, remote country change the way we think about the culture of the world? Being wedged between superpowers might seem like a recipe for ethnic assimilation and cultural conformity. Yet what if it made you stronger? In the case of Armenia, being "in-between" led to a vibrant, diverse, and resilient culture, a distinctive religious and national identity, and a dynamic diaspora. Travelling from antiquity to modernity, we will explore how Armenia and Armenians survived and thrived despite invasion, oppression, statelessness, and planned annihilation. We will explore the connections between Armenian culture and diverse traditions, including classical antiquity, the Ancient Near East, Sasanian and Islamic Iran, and the Byzantine empire, East Asia, and Europe, and the relations between Armenia and neighboring cultures of the Caucasus. We will follow the Armenian experience into the early modern period, when Armenians established a trade network reaching from the Indian subcontinent to Amsterdam, absorbing and informing a kaleidoscope of cultures along the way. We will wrap up with the survival of Armenian traditions in contemporary culture, the role of the Armenian genocide in shaping Armenian identity, including in neighboring Watertown. Finally, we will discuss the meaning of cultural

heritage for Armenians today, and explore its role at the intersection of politics, diplomacy, law, scholarship, human rights, and activism.

FAS Divisional Distribution: None

GENED 1186

Course ID: 222661
2025 Fall (4 Credits)

The Age of Anxiety: Histories, Theories, Remedies

MW 1030 AM - 1145 AM

Instructor Permission Required

Beth Blum

How have authors throughout history channeled anxiety into meaningful and imaginative works of art? The poet WH Auden described the 1940s as "the age of anxiety," but he could have been describing our own stress-ridden times: anxiety is today the most common class of contemporary mental health condition. This course pursues two guiding questions: how has anxiety changed throughout history and how has it stayed the same? And how have authors throughout history productively channeled anxiety into creating beautiful and meaningful works of art? Through a combination of readings and fieldwork, we'll investigate anxiety's potential causes, from the universal fear of death to the more historical contexts of urbanization and self-optimization, for instance, as well as its various treatments, such as stoicism, self-help, and psychopharmacology. The course combines practical and theoretical perspectives to examine the relation between anxiety and creativity and to engage with various aesthetic responses—from comedy to literature and film—to the troubles of being that anxiety designates. Smaller weekly assignments will include slow reading, technological unplugging, and proposing one improvement to the mental health culture on campus. Final project may be scholarly, creative, or a hybrid of both. Students will emerge from class readings and discussions with an understanding of anxiety as a social formation, literary preoccupation, and, when harnessed, a spur to aesthetic invention and political intervention.

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FAS Divisional Distribution: None

GENED 1187

Course ID: 226302
2026 Spring (4 Credits)

AI, Computing and Thinking

MW 1200 PM - 0115 PM

Instructor Permission Required

Petros Koumoutsakos

How can AI and Computing be integrated in our thinking for solving societal and scientific challenges? We define ourselves as Homo Sapiens –wise humans– distinguished by our problem solving capabilities, and our constant development of new technologies. One of our technologies, computers, possesses a dizzying capability of acquiring, transmitting and processing massive amounts of data. Harnessing this resource requires a new form of inquiry: Computing. Computing is transforming our Thinking for solving complex problems and it is fueling the Artificial Intelligence (AI) revolution that is changing our world. This course is a guided exploration of how AI and Computing may affect our Thinking and aims to assist students to acquire the skills that computers do not possess. These include formulating problems and questions while understanding algorithmic powers and limitations and reflecting on the complementarity of artificial and natural intelligence. The course will introduce you to elementary algorithmic and programming concepts, discuss data driven and first principle models, argue about evidence, uncertainty and decision making aided by computing and AI. You will leave this course better prepared to assess the role of AI and Computing in society and technology and become more aware of the vehicles that will empower your journey into AI and Computing that may change the future definition of "Sapiens".

FAS Divisional Distribution: None

GENED 1189

Course ID: 223981
2026 Spring (4 Credits)

U.S. K-12 Schools: Assumptions, Binaries, and Controversies

T 0900 AM - 1145 AM

Instructor Permission Required

What if schools were for learning instead of education? You will be involved in education your whole life. As a taxpayer, voter, or parent, you will be connected with formal schooling. You will almost certainly be in the role of teacher at various points in your life, whether in a classroom, in another professional setting, or guiding someone in something you love to do. Leaders in any field are teachers and coaches--they develop the people around them to bring their full potential to some shared ambition. You will also be in the role of learner throughout your life in a variety of forms and contexts. Precisely because we are all learners and teachers and we've all had some direct experience with K-12 schools, everyone has interests and opinions about schools. Yet, U.S. K-12 schools are consistently failing to serve all children well. This course will prepare you to recognize the assumptions, binaries, and controversies that drive much of the sound and substance of U.S. K-12 education, and replace those with a different ABCs: awareness, both-and thinking, and context. Learning can get lost in all the noise of education. What would it look like to make schools less about achievement and attainment and more about learning--and what can be your contribution, no matter your future pathways?

FAS Divisional Distribution: None

GENED 1192

Course ID: 224385

Philanthropy, Nonprofits, and the Social Good

2026 Spring (4 Credits)

T 1200 PM - 0245 PM

Instructor Permission Required

Shai Dromi

How can we most effectively harness the power of philanthropic giving and nonprofit work to create positive social change and address society's most pressing challenges? How can charitable giving and nonprofit work be used to foster positive social impact? This course investigates this question by introducing students to the nature of philanthropy and nonprofit organizations, and their influence on civil society. Most moral and religious frameworks uphold some form of benevolence and charity, yet societies differ in their views of philanthropy and nonprofits. We will consider social scientific perspectives on charitable giving and apply them to topics like competing philosophies of giving and the relationship between philanthropic and state programs. Issues of social responsibility for billionaire and corporate philanthropic actors will also be addressed. The course offers two unique activity-based learning opportunities to gain skills and experience. First, students will work in groups to identify and evaluate nonprofits as potential recipients of a donation provided by the Philanthropy Lab. They will assess how a donation could impact these organizations. Second, through a partnership with the Lemann Program on Creativity and Entrepreneurship, student groups will develop their own nonprofit ventures. Ventures will receive startup funding, and successful teams will compete for additional funding. The course will also offer guest lectures and workshops on entrepreneurship to support venture development. Through class discussions and hands-on activities, students will gain an understanding of how charitable giving and nonprofit work can be leveraged to create positive social change.

Course Note: You may not enroll in this course if you have previously taken SOC 131 or SOC 1131.

FAS Divisional Distribution: None

GENED 1194

Course ID: 224387

Philosophy of Technology: From Marx and Heidegger to Artificial Intelligence

2026 Spring (4 Credits)

MW 1030 AM - 1145 AM

Mathias Risse

Is technology good, bad, or neutral – and if good, should we make it central to solving all our problems; if bad, should we radically change our ways; and if neutral, then what else should be the focus as we look for solutions to global problems? Technology shapes how power is exercised in society, and thereby also shapes how the present changes into the future. Technological innovation is all around us, and new possibilities in fields like artificial intelligence, genome-editing and geoengineering not only reallocate power, but might transform human life itself considerably, to the point of modifying the essence of what it is to be human. While ethical considerations enter prominently, the philosophy of technology is broader than its ethics. It aims to interpret and critically assess the role of technology for human life and guide us to a more thoughtful integration of technology in our individual lives and in public decision making. This course aims to teach you to do just that, starting with basic stances and key figures in the field and then progressing towards a number of challenges around specific types of technology as they arise for the 21st century. At times it is tech optimism that dominates these debates (sometimes even techno-boosterism that sees technology as key to heaven on earth), at other times it is more low-spirited attitudes from Romantic uneasiness to doom-and-gloom Luddism and technology-bashing. A closer look at these attitudes – alongside reflection on how technology and power are intertwined – will help generate a more skeptical attitude towards all of them and contribute to more level-headed debates, which are badly needed.

Requires: Course open to Undergraduate Students Only

FAS Divisional Distribution: None

GENED 1195

Eating Culture: Past, Present, and Future

Course ID: 224393
2026 Spring (4 Credits)

MW 1200 PM - 0115 PM

Joseph Nagy

How and why do we humans "play" with the food we eat, and on which we depend for our lives, in so many different ways—creatively, profoundly, and consequentially? This interdisciplinary course is dedicated to exploring the proposition that the act of eating, in human civilizations from ancient to contemporary, and all the processes associated with eating—including finding, making, enjoying, and talking about food; feasting and fasting; digestion and its expected consequences and effects—that all these constitute a culture, a complex system of shared practices, beliefs, and worldview that both reflects and "feeds into" the cultures of particular communities. To understand a people's foodways (including what people like to eat or drink, and how they like to prepare it) is to gain insight into how they view themselves, interact with each other, and conceptualize their relationships with other communities. In this course we test the proposition that, when we humans eat or drink, whether we realize it or not, we are consuming, digesting, and ruminating with (in both a literal and metaphorical sense!) culture.

Requires: Course open to Undergraduate Students Only

FAS Divisional Distribution: None

GENED 1196

Tradition in Everyday Life

Course ID: 224414
2025 Fall (4 Credits)

MW 0130 PM - 0245 PM

Sarah Craycraft

How do groups express themselves creatively in everyday life, and how do these group expressions reflect our individual experiences of the world? What does a jar of homemade pickles have in common with the boisterous chants of the Harvard-Yale game? Both are artful expressions of communal, traditional culture in everyday life! Beyond the walls of museum galleries, creative expression exists all around us in surprising forms, shaped through individual and communal creation. In this course, you will learn to recognize and evaluate diverse expressions of traditional culture, from Harvard Lore to annual family traditions, to community festivals, to social media culture. Course readings introduce you to a variety of traditional texts (forms of expressive traditional culture); contexts (the sites and occasions where traditional expressive culture is performed); and textures (aesthetics, or the culturally informed, group-based parameters that shape traditional culture). You will complete small collection projects to look for and describe expressive traditions, and these exercises will culminate in your own capstone ethnographic project in which you document, analyze, and creatively present an expressive tradition of your choice. The course prepares you to see artful expressivity in everyday life, rethinking the universality of concepts often attached to creative expression such as 'beauty,' 'art,' 'individual genius,' 'progress,' 'ownership,' 'expertise,' 'agency,' and even time itself.

FAS Divisional Distribution: None

GENED 1197

Grimm's Fairy Tales: Echoes of the Past, Reflections of the Present

Course ID: 224850
2026 Spring (4 Credits)

TR 1030 AM - 1145 AM

Instructor Permission Required

Ekaterina Pirozhenko

What do fairy tales reveal about universal human experiences such as birth, death, love, jealousy, discrimination, dreams, growth, resilience, and empowerment? We all tell stories, adapting them to reflect our values and making them relevant to our times. By analyzing texts from Jacob and Wilhelm Grimm's influential collection *Children's and Household Tales*, comparing them to similar fairy tales from other cultures, and examining the contributions of visual artists to these transformations, we will explore pressing human questions such as love and desire, infertility and procreation, trust and betrayal, hunger and abundance, parental guidance and child abuse, and the discriminatory practices embedded in these texts, and demonstrate the universality and particularity of such stories and their impact on society at large. By the end of this course, you will have a thorough understanding of fairy tale archetypes and plot structures, various scholarly perspectives on these tales, an awareness of intertextuality, and the ability to analyze stories with multiple layers of meaning. You will also be able to reassess how you and those around you tell stories.

GENED 1198

Ancient Global Economies

TR 1030 AM - 1145 AM

Irene Soto Marin

Course ID: 226251
2025 Fall (4 Credits)*Instructor Permission Required*

Is today's global economy truly more advanced and complex than the systems that shaped the world in the ancient past? Requiring no prior knowledge of economics or ancient history, the aim of this course is to introduce students to the nature of global economic systems by looking at the complex and sophisticated nature of different types of economic enterprises in antiquity. In our modern global economies, different markets are internationally intertwined, as technological advances have allowed for swift communication and economic dependence between practically all areas of the world. The shipping industry might be a salient example of this, where one cargo ship got stuck in the Suez Canal in 2021 and blocked the channel for six days, stranding ca. 400 vessels and delaying between \$6 and \$10 billion in trade per day, attesting to the importance of this trade route for the global economy. Yet, the use of this route for large scale long-distance sea voyages can be traced back at least to the Roman period, where there is evidence of cargo ships traveling from Muziris, India to the Red Sea Coast of Egypt, carrying with them 635 tonnes of cargo meant to travel all the way to Alexandria and Rome, and worth around 7 million Roman sesterces, the equivalent of the salary of seven senators at the time. In this case the ancient and the modern don't seem so different. By analyzing the global connections of well-known ancient civilizations such as the Assyrian, Egyptian, Macedonian, Roman, and Palmyrene Empires, students will learn to see similarities to our own current global economic enterprises and learn not only of the challenges but also the social injustices and exploitation that take place in these global enterprises. Another particularly poignant example is the week where we study ancient global pandemics, seeing the ways in which they affected the labor force, the lower classes, agricultural production, and even politics, much like during our recent COVID-19 pandemic. Furthermore, students will learn how to dissect historical and analytical narratives that utilize quantitative and qualitative data sets through selected case studies spanning millennia between them. For example, the class covers the economic logistics of the military conquests of Alexander, the constructions of the pyramids of Old Kingdom Egypt, the economic and human price of urban development of the city of Rome, and the capital investment and merchant networks required for the long-distance trade along the Silk Roads and Indian Ocean trade routes.

This course has an enrollment cap and is a part of the Gen Ed lottery. To participate in the lottery, you must first submit a petition and then rank your choices through my.harvard by 11:59 p.m. EST Tuesday, April 8, 2025. The Gen Ed lottery will run Wednesday, April 9; if you are successful in the lottery, your course petition in your Crimson Cart will turn to a green check that allows you to enroll. You will have until 11:59 p.m. EST Friday, April 11, to claim your seat. After that time, enrollment will open up to non-lottery petitioners. Please note: Only a green checkmark indicates success in the lottery. If you see either "petition pending" or a red X, it means that your petition was unsuccessful. If this is the case and you would still like to try to enroll in the course, please submit a new petition after the lottery. For timely updates and detailed instructions about entering the Gen Ed lottery, please see <https://gened.college.harvard.edu/courses/registration-and-lottery/>

FAS Divisional Distribution: None

GENED 1199

Learning and Unlearning

T 1245 PM - 0245 PM

Liao Cheng

Course ID: 226290
2025 Fall (4 Credits)*Instructor Permission Required*

How do we learn and why? From birth, we embark on a lifelong journey of learning that shapes nearly everything we know and do, and ultimately who we become. Yet, we often fail to examine the implicit assumptions and approaches underlying our learning. In addition, we often overlook the importance of unlearning – the process of letting go of inaccurate information, misguided beliefs, harmful biases, limiting mindsets, and unproductive habits to make room for new learning. Unlearning has always been essential for replacing outdated and simplistic ideas with updated and sophisticated ones. Today, it has become even more critical due to contemporary challenges such as societal polarization and media echo chambers, the impact of generative AI and other technologies on traditional practices, the necessity for challenging the status quo to envision a more just society, and the urgent need for dialogue, understanding, and empathy in an increasingly tribalistic world. Intentionally examining the purposes and processes of learning and unlearning will help us become more effective (un)learners, and ultimately, illuminate how these processes can foster human flourishing in our current world and for future generations. In this course, we will engage with fundamental questions and debates, including: What does it mean to learn and unlearn? How do individuals prioritize the diverse purposes of learning, such as cultivating intellect, developing moral values, fostering personal growth, preparing for citizenship, and beyond? How do our experiences and cultural contexts influence our understanding of learning? How do we learn, and why do we learn in the ways that we do? When do we feel motivated or demotivated? How do schools nurture or stifle children's natural curiosity? Do students learn better through teachers' instruction or independent exploration? How do we monitor, evaluate, and adjust our own learning processes? How might generative AI be used to

support or hinder learning? How do we decide what is worth learning and what should be unlearned? Why do we struggle to change our minds and habits, and what strategies can effectively facilitate this transformation? We will examine the cognitive, metacognitive or self-reflective, emotional, social, and moral dimensions of learning and unlearning. We will use a cross-cultural and interdisciplinary lens, analyzing cases from East Asian and Western cultures and draw insights from psychology, neuroscience, education, and philosophy. Class sessions are highly interactive and emphasize active learning. Students will engage in a range of activities including lectures, discussions, debates, case studies, interviews, group teaching exercise, storytelling, guest speaker sessions, and reflections on both personal learning processes and the pedagogical design of this course. This course welcomes all students to enroll and requires no prerequisites.

This course has an enrollment cap and is a part of the Gen Ed lottery. To participate in the lottery, you must first submit a petition and then rank your choices through my.harvard by 11:59 p.m. EST Tuesday, April 8, 2025. The Gen Ed lottery will run Wednesday, April 9; if you are successful in the lottery, your course petition in your Crimson Cart will turn to a green check that allows you to enroll. You will have until 11:59 p.m. EST Friday, April 11, to claim your seat. After that time, enrollment will open up to non-lottery petitioners. Please note: Only a green checkmark indicates success in the lottery. If you see either "petition pending" or a red X, it means that your petition was unsuccessful. If this is the case and you would still like to try to enroll in the course, please submit a new petition after the lottery. For timely updates and detailed instructions about entering the Gen Ed lottery, please see <https://gened.college.harvard.edu/courses/registration-and-lottery/>

FAS Divisional Distribution: None

GENED 1202

Unity and Division

TR 1030 AM - 1145 AM

Ryan Enos

Course ID: 226303
2026 Spring (4 Credits)

Instructor Permission Required

How can diverse societies be successful? Diversity is a fundamental problem and fundamental advantage of the human condition. If humans were all the same, free of identity, ideology, or culture, then many social scourges—prejudice, discrimination, perhaps even some violent conflict—would be dramatically reduced, if not eliminated. But with diversity also comes the wonderful variation that allows for the forces of evolution and innovation to better societies. In response to this tension, humans have created institutions to manage diversity by regulating conflict and reconciling differences of opinion. Politics is the process of navigating these difference managing institutions. The problem of politics then is the problem of diversity. Drawing on the disciplines of political science, psychology, economics, and philosophy, this course examines the question of how diverse societies and institutions can be successful. The course ultimately aims to provide students with the tools to be informed citizens and leaders in a diverse society. In the first part of the course, we start with the psychology of division, examining the basic question of why there is variation between humans and why this variation affects our social behavior. We then examine the consequences of diversity. Why does diversity make the necessary elements of society, such as coordination, difficult? In the second part of the course, we will draw primarily on philosophy to ask if diversity is a desirable state for societies and institutions or if societies should rather seek homogeneity. Having considered these questions, in the third part of the course we examine how political institutions manage diversity by employing different strategies, sometimes strategies of division and sometimes strategies of creating unity. Drawing on classic works of political theory and contemporary political science, we will examine institutions, including ethnonationalist and multicultural states, constitutions, and other institutions that are created to successfully manage diversity. Finally, in the fourth part of the course, we will examine the public policy of managing diversity. How do societies choose to manage public spaces, restrict flows of immigration, and create institutions, such as schools, to reconcile a diversity of interests.

FAS Divisional Distribution: None

GENED 1203

How the Germans Embraced Hitler: Politics, Culture & the Death of Democracy in Germany, 1918-1945

TR 1030 AM - 1145 AM

David Spreen

Course ID: 226256
2025 Fall (4 Credits)

Instructor Permission Required

In a time where modern democracies across the world face challenges, what can (and can't) we learn from the collapse of German democracy and the rise of Hitler between the two World Wars? Comparisons with fascism are yet again en vogue. Whether from the Left or the Right of the political spectrum, if statements about political opponents are to be believed, there are Nazis everywhere. Leaving aside such facile comparisons and analogies, this course offers an in-depth case study of Germany's path from a democracy full of promise and possibility to that democracy's collapse into tyranny, war, and the Holocaust. We will work extensively with primary sources including contemporary eye witness accounts, political and economic commentary, art, and literature to explore the rise of National Socialism in the context of the politics, culture, and economics of Germany after the First World War before turning to the way the Nazis managed to seize the state, remake

German society after 1933, and plunge Europe into war and genocide by the end of the decade. The course will debunk the many myths about the roots of Nazism and work towards an explanation of its rise that does justice to the complexities of lived experience between the two World Wars. With an eye towards the active nature of democratic citizenship, the course will emphasize the many junctures at which the ascend of National Socialism could have been prevented by people from the various corners of interwar Germany's political spectrum.

This course has an enrollment cap and is a part of the Gen Ed lottery. To participate in the lottery, you must first submit a petition and then rank your choices through my.harvard by 11:59 p.m. EST Tuesday, April 8, 2025. The Gen Ed lottery will run Wednesday, April 9; if you are successful in the lottery, your course petition in your Crimson Cart will turn to a green check that allows you to enroll. You will have until 11:59 p.m. EST Friday, April 11, to claim your seat. After that time, enrollment will open up to non-lottery petitioners. Please note: Only a green checkmark indicates success in the lottery. If you see either "petition pending" or a red X, it means that your petition was unsuccessful. If this is the case and you would still like to try to enroll in the course, please submit a new petition after the lottery. For timely updates and detailed instructions about entering the Gen Ed lottery, please see <https://gened.college.harvard.edu/courses/registration-and-lottery/>

FAS Divisional Distribution: None

GENED 1204

Why Democracy?

TR 1200 PM - 0115 PM

Daniel Ziblatt

What gives rise to democracies and what leads them to die? What is democracy? What gives rise to it and what leads it to die? This is a globally focused, historically grounded course in which we explore the origins, successes, and failures of democratic systems around the world from the 18th century to today. Through case studies ranging from the U.S. Constitution and Weimar Germany to contemporary Hungary and India, students will gain a deeper understanding of how democracies are built—and how they unravel. The course will focus on the difficult decisions leaders and citizens have had to make in fraught moments to ask what lessons we can learn about how citizens and leaders today can effectively defend democracy. The aim of the course is to learn from the past to understand what causes democracy to succeed and fail today and what can be done to defend it.

FAS Divisional Distribution: None

GENED 1205

The Power, Art, and Technology of Writing in East Asia

MW 0130 PM - 0245 PM

Si Nae Park, Thomas Kelly

How does writing as art and technology shape the ways in which humans imagine, generate, and use power? This course examines how humans experience, use, and build meaning around the shape of writing, focusing on East Asia across time, place, and media. Centered on a broad, enduring question about writing's role in society, students engage with materials from literature, art history, history of the book, linguistic anthropology, archaeology, and philosophy. By using materials that are both immediate to, and yet distant from, students' lives, the course seeks to enhance students' aesthetic and interpretive understanding of the world, to provide students with an understanding of the social and historical contexts for the development of various technologies related to the production, transmission, and refabrication of the written word in association with power in a variety of ways. By exploring everything from urban graffiti and online protests to ancient tombs and Buddhist temples to petroglyphs and white-paper protests, students will analyze writing's impact on identity, authority, spirituality, and artistic expression and learn through field works and hands-on experiences such as visits to Harvard's East Asian collections and workshops on calligraphy and ink-making. The course encourages reflection on how writing mediates power and social change, offering insights into both historical and contemporary practices. All students are invited to think beyond nation-centered and Eurocentric models, developing a nuanced understanding of writing as both art and technology. The course equips students to think critically about the role of writing in an age shaped by generative AI and large language models. No prior knowledge of East Asian languages is required.

FAS Divisional Distribution: None

GENED 1206

Asian Americans as an American Paradox

T 1200 PM - 0245 PM

Course ID: 226611
2026 Spring (4 Credits)

Course ID: 226619
2026 Spring (4 Credits)

Course ID: 226727
2026 Spring (4 Credits)

How have paradoxical conceptions of Asian Americans informed Asian American history, culture, and politics, shaping modern America and the world? This course examines how paradoxical conceptions of Asian Americans have informed the identities, experiences, and political and creative contributions of peoples of Asian descent in the United States while shaping national debates concerning race relations, immigration, and foreign policy. We will explore the contradictory positions Asian Americans have had to occupy as both colonial subjects and settlers, "model minorities" and "the yellow peril," foreign friends and enemies, and people of color and "honorary whites," and consider their implications for US and transnational histories, politics, and culture.

FAS Divisional Distribution: None

Germanic Languages and Literatures

Scandinavian

SCAND 55 (1)

One Hundred Years of Scandinavian Cinema

M 1200 PM - 0245 PM

Agnes Broome

Course ID: 159715
2026 Spring (4 Credits)

Instructor Permission Required

This course explores Scandinavian cinema from the pioneers of the silent era to the globally successful hit films of the present day. Students will trace the development of Scandinavian cinema through the films of directors such as Viktor Sjöström, Carl Th. Dreyer, Lars von Trier, Ingmar Bergman and Lukas Moodysson and discover the profound influence the region's films have had, and continue to have, on filmmaking in America and the world.

Course Note: Conducted in English.

FAS Divisional Distribution: Arts and Humanities

SCAND 90R

Scandinavian Language Tutorial

No meeting time listed

Agnes Broome

Course ID: 126651
2025 Fall (4 Credits)

Instructor Permission Required

Individualized study of a Scandinavian language at the elementary, intermediate and advanced levels. Contact hours with language coach. Emphasis on literacy. Any language not listed as a course is taught under this number.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS: Meets Foreign Lang Req: Danish

FAS Divisional Distribution: None

SCAND 90R

Scandinavian Language Tutorial

No meeting time listed

Agnes Broome

Course ID: 126651
2026 Spring (4 Credits)

Instructor Permission Required

Individualized study of a Scandinavian language at the elementary, intermediate and advanced levels. Contact hours with language coach. Emphasis on literacy. Any language not listed as a course is taught under this number.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Danish

SCAND 90R.A

Course ID: 126647

Danish

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Agnes Broome

Topic: Beginning Danish

Individualized study of Danish at the elementary, intermediate and advanced levels. Contact hours with language coach. Emphasis on literacy.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Danish

SCAND 90R.A

Course ID: 126647

Danish

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Agnes Broome

Topic: Beginning Danish

Individualized study of Danish at the elementary, intermediate and advanced levels. Contact hours with language coach. Emphasis on literacy.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Danish

SCAND 90R.A (002)

Course ID: 126647

Danish

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Agnes Broome

Topic: Intermediate Danish

Individualized study of Danish at the elementary, intermediate and advanced levels. Contact hours with language coach. Emphasis on literacy.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS: Meets Foreign Lang Req: Danish

FAS Divisional Distribution: None

SCAND 90R.A (002)

Course ID: 126647

Danish

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Agnes Broome

Topic: Intermediate Danish

Individualized study of Danish at the elementary, intermediate and advanced levels. Contact hours with language coach. Emphasis on literacy.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS Divisional Distribution: None

SCAND 90R.A (003)

Course ID: 126647
2025 Fall (4 Credits)

Danish

No meeting time listed

Instructor Permission Required

Agnes Broome

Topic: Advanced Danish

Individualized study of Danish at the elementary, intermediate and advanced levels. Contact hours with language coach. Emphasis on literacy.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Danish

SCAND 90R.A (003)

Course ID: 126647
2026 Spring (4 Credits)

Danish

No meeting time listed

Instructor Permission Required

Agnes Broome

Topic: Advanced Danish

Individualized study of Danish at the elementary, intermediate and advanced levels. Contact hours with language coach. Emphasis on literacy.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Danish

SCAND 90R.B

Course ID: 126649
2025 Fall (4 Credits)

Finnish

No meeting time listed

Instructor Permission Required

Agnes Broome

Individualized study of Finnish at the elementary, intermediate, and advanced levels. Contact hours with a language coach. Emphasis on literacy.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Finnish

SCAND 90R.B

Course ID: 126649
2026 Spring (4 Credits)

Finnish

No meeting time listed

Instructor Permission Required

Agnes Broome

Topic: Beginning Finnish

Individualized study of Finnish at the elementary, intermediate, and advanced levels. Contact hours with a language coach. Emphasis on literacy.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS Divisional Distribution: None

SCAND 90R.B (002)

Course ID: 126649
2025 Fall (4 Credits)

Finnish

No meeting time listed

Instructor Permission Required

Agnes Broome

Individualized study of Finnish at the elementary, intermediate, and advanced levels. Contact hours with a language coach. Emphasis on literacy.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS: Meets Foreign Lang Req: Finnish

FAS Divisional Distribution: None

SCAND 90R.B (002)

Course ID: 126649
2026 Spring (4 Credits)

Finnish

No meeting time listed

Instructor Permission Required

Agnes Broome

Topic: Intermediate Finnish

Individualized study of Finnish at the elementary, intermediate, and advanced levels. Contact hours with a language coach. Emphasis on literacy.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS: Meets Foreign Lang Req: Finnish

FAS Divisional Distribution: None

SCAND 90R.B (003)

Course ID: 126649
2025 Fall (4 Credits)

Finnish

No meeting time listed

Instructor Permission Required

Agnes Broome

Individualized study of Finnish at the elementary, intermediate, and advanced levels. Contact hours with a language coach. Emphasis on literacy.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS: Meets Foreign Lang Req: Finnish

FAS Divisional Distribution: None

SCAND 90R.B (003)

Course ID: 126649
2026 Spring (4 Credits)

Finnish

No meeting time listed

Instructor Permission Required

Agnes Broome

Topic: Advanced Finnish

Individualized study of Finnish at the elementary, intermediate, and advanced levels. Contact hours with a language coach. Emphasis on literacy.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS: Meets Foreign Lang Req: Finnish

SCAND 90R.C

Course ID: 126650

Norwegian

2025 Fall (4 Credits)

TR 0130 PM - 0245 PM

Instructor Permission Required

Agnes Broome

Topic: Beginning Norwegian

Individualized study of Norwegian at the elementary, intermediate and advanced levels. Contact hours with language coach. Emphasis on literacy.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS: Meets Foreign Lang Req: Norwegian

FAS Divisional Distribution: None

SCAND 90R.C

Course ID: 126650

Norwegian

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Agnes Broome

Topic: Beginning Norwegian

Individualized study of Norwegian at the elementary, intermediate and advanced levels. Contact hours with language coach. Emphasis on literacy.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Norwegian

SCAND 90R.C (002)

Course ID: 126650

Norwegian

2025 Fall (4 Credits)

T 0300 PM - 0415 PM

Instructor Permission Required

Agnes Broome

Topic: Advanced Norwegian

Individualized study of Norwegian at the elementary, intermediate and advanced levels. Contact hours with language coach. Emphasis on literacy.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS: Meets Foreign Lang Req: Norwegian

FAS Divisional Distribution: None

SCAND 90R.C (002)

Course ID: 126650

Norwegian

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Agnes Broome

Topic: Intermediate Norwegian

Individualized study of Norwegian at the elementary, intermediate and advanced levels. Contact hours with language coach. Emphasis on literacy.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS Divisional Distribution: None
FAS: Meets Foreign Lang Req: Norwegian

SCAND 90R.C (003)

Norwegian

R 0900 AM - 1015 AM

Agnes Broome

Course ID: 126650
2025 Fall (4 Credits)

Instructor Permission Required

Individualized study of Norwegian at the elementary, intermediate and advanced levels. Contact hours with language coach. Emphasis on literacy.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS: Meets Foreign Lang Req: Norwegian
FAS Divisional Distribution: None

SCAND 90R.C (003)

Norwegian

No meeting time listed

Agnes Broome

Topic: Advanced Norwegian

Individualized study of Norwegian at the elementary, intermediate and advanced levels. Contact hours with language coach. Emphasis on literacy.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS Divisional Distribution: None
FAS: Meets Foreign Lang Req: Norwegian

SCAND 90R.D

Icelandic

No meeting time listed

Agnes Broome

Topic: Beginning Icelandic

Course ID: 219556
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SCAND 90R.D (002)

Icelandic

No meeting time listed

Agnes Broome

Topic: Intermediate Icelandic

Course ID: 219556
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SCAND 90R.D (003)

Icelandic

No meeting time listed

Agnes Broome

Topic: Advanced Icelandic

Course ID: 219556
2026 Spring (4 Credits)

Instructor Permission Required

SCAND 90R.E (1)

Old Norse

Course ID: 226507

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Agnes Broome

Individualized study of Old Norse and conducted as a tutorial. Emphasis on literacy. Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. To propose a tutorial course, students must first review the relevant information provided on the Germanic Department website (<https://german.fas.harvard.edu/courses>).

SCAND 91R

Supervised Reading and Research

Course ID: 121036

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Agnes Broome

Advanced reading in topics not covered in regular courses.

Course Note: Permission of the Director of Undergraduate Studies for Scandinavian required.

HCOL: Foreign Lang Citation: Swedish

FAS Divisional Distribution: Arts and Humanities

SCAND 91R

Supervised Reading and Research

Course ID: 121036

2026 Spring (4 Credits)

No meeting time listed

Agnes Broome

Advanced reading in topics not covered in regular courses.

Course Note: Permission of the Director of Undergraduate Studies for Scandinavian required.

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Swedish

SCAND 97

Tutorial - Sophomore Year

Course ID: 110857

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Agnes Broome

Group or individual tutorial designed to supplement course work and acquaint students with appropriate analytical methods.

Course Note: Open to concentrators in the Scandinavian option. Permission of the Director of Undergraduate Studies for Scandinavian required.

FAS Divisional Distribution: Arts and Humanities

SCAND 97

Tutorial - Sophomore Year

Course ID: 110857

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Agnes Broome

Group or individual tutorial designed to supplement course work and acquaint students with appropriate analytical methods.

Course Note: Open to concentrators in the Scandinavian option. Permission of the Director of Undergraduate Studies for Scandinavian required.

FAS Divisional Distribution: Arts and Humanities

SCAND 98

Course ID: 113773
2025 Fall (4 Credits)

Tutorial - Junior Year

No meeting time listed

Instructor Permission Required

Agnes Broome

Group or individual tutorial designed to supplement course work and to develop analytical techniques.

Course Note: Open to concentrators in the Scandinavian option. Permission of the Director of Undergraduate Studies for Scandinavian required.

FAS Divisional Distribution: Arts and Humanities

SCAND 98

Course ID: 113773
2026 Spring (4 Credits)

Tutorial - Junior Year

No meeting time listed

Agnes Broome

Group or individual tutorial designed to supplement course work and to develop analytical techniques.

Course Note: Open to concentrators in the Scandinavian option. Permission of the Director of Undergraduate Studies for Scandinavian required.

FAS Divisional Distribution: Arts and Humanities

SCAND 99A

Course ID: 116426
2025 Fall (4 Credits)

Tutorial - Senior Year

No meeting time listed

Instructor Permission Required

Agnes Broome

Open to concentrators writing an honors thesis under faculty supervision. Students are expected to enroll for the entire year. Part one of a two part series.

Course Note: Permission of the Director of Undergraduate Studies for Scandinavian required.

Full Year Course: Divisible Course

FAS Divisional Distribution: Arts and Humanities

SCAND 99B

Course ID: 159851
2026 Spring (4 Credits)

Tutorial - Senior Year

No meeting time listed

Instructor Permission Required

Agnes Broome

Open to concentrators writing an honors thesis under faculty supervision. Students are expected to enroll for the entire year. Part two of a two part series.

Course Note: Permission of the Director of Undergraduate Studies for Scandinavian required.

FAS Divisional Distribution: Arts and Humanities

Full Year Course: Divisible Course

SCAND 191R

Course ID: 122039
2025 Fall (4 Credits)

Supervised Reading and Research

No meeting time listed

Instructor Permission Required

Agnes Broome

Advanced readings in topics not covered in regular courses.

FAS Divisional Distribution: Arts and Humanities

SCAND 191R

Supervised Reading and Research

No meeting time listed

Agnes Broome

Advanced readings in topics not covered in regular courses.

Course ID: 122039
2026 Spring (4 Credits)

FAS Divisional Distribution: Arts and Humanities

SCAND 300

Special Reading Programs and Research Problems for Advanced Students

No meeting time listed

Stephen Mitchell

Course ID: 131310
2025 Fall (4 Credits)
Instructor Permission Required

SCAND 300

Special Reading Programs and Research Problems for Advanced Students

No meeting time listed

Stephen Mitchell

Course ID: 131310
2026 Spring (4 Credits)
Instructor Permission Required

German

GERMAN 10A (1)

Course ID: 113802
2025 Fall (4 Credits)

Beginning German

MTWR 0900 AM - 1000 AM

Lisa Parkes

An introduction to German language and culture for students with no knowledge of the language. Students develop basic communication competencies (spoken and written), with an emphasis on interpersonal communication. Instruction is supplemented by a variety of texts, including poetry, songs, and visual media.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: German

GERMAN 10A (2)

Course ID: 113802
2025 Fall (4 Credits)

Beginning German

MTWR 1200 PM - 0100 PM

Lisa Parkes

An introduction to German language and culture for students with no knowledge of the language. Students develop basic communication competencies (spoken and written), with an emphasis on interpersonal communication. Instruction is supplemented by a variety of texts, including poetry, songs, and visual media.

FAS: Meets Foreign Lang Req: German

FAS Divisional Distribution: None

GERMAN 10AB

Course ID: 124093
2025 Fall (8 Credits)

Beginning German (Intensive)

F 0900 AM - 1100 AM

Lisa Parkes

A complete first-year course in one term for students with little or no knowledge of German. Provides an introduction to language and culture of the German-speaking countries. Students develop basic communication competencies (spoken and written), and will be able to understand and use high-frequency vocabulary and basic grammatical structures. Instruction is supplemented by a variety of texts, including poetry, songs, and visual media.

Course Note: Not open to auditors.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: German

GERMAN 10AB

Course ID: 124093
2026 Spring (8 Credits)

Beginning German (Intensive)

MTWR 0900 AM - 1015 AM

Lisa Parkes

A complete first-year course in one term for students with little or no knowledge of German. Provides an introduction to language and culture of the German-speaking countries. Students develop basic communication competencies (spoken and written), and will be able to understand and use high-frequency vocabulary and basic grammatical structures. Instruction is supplemented by a variety of texts, including poetry, songs, and visual media.

Course Note: Not open to auditors.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: German

GERMAN 10B (1)Course ID: 159805
2026 Spring (4 Credits)**Beginning German**

MTWR 0900 AM - 1000 AM

Lisa Parkes

An introduction to German language and culture designed for students with little or no knowledge of the language. Encompasses all four skills: speaking, listening, reading, and writing. Class sessions emphasize the development of oral proficiency. Instruction is supplemented by literary and non-literary texts, videos, and Internet activities.

Requires: Pre-requisite: GERMAN 10A

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: German

GERMAN 10B (1)Course ID: 159805
2025 Fall (4 Credits)**Beginning German**

MTWR 0900 AM - 1000 AM

Lisa Parkes

An introduction to German language and culture designed for students with little or no knowledge of the language. Encompasses all four skills: speaking, listening, reading, and writing. Class sessions emphasize the development of oral proficiency. Instruction is supplemented by literary and non-literary texts, videos, and Internet activities.

Requires: Pre-requisite: GERMAN 10A

FAS: Meets Foreign Lang Req: German

FAS Divisional Distribution: None

GERMAN 10B (2)Course ID: 159805
2026 Spring (4 Credits)**Beginning German**

MTWR 1030 AM - 1130 AM

Lisa Parkes

An introduction to German language and culture designed for students with little or no knowledge of the language. Encompasses all four skills: speaking, listening, reading, and writing. Class sessions emphasize the development of oral proficiency. Instruction is supplemented by literary and non-literary texts, videos, and Internet activities.

Requires: Pre-requisite: GERMAN 10A

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: German

GERMAN 20ACourse ID: 112920
2025 Fall (4 Credits)**Intermediate German**

MWF 0900 AM - 1015 AM

Lisa Parkes

This third-semester language course offers a thorough review and practice of grammar and an expansion of vocabulary. Focus on enhancing students' communicative competencies in all four skill areas. Introduction to various cultural topics of the German-speaking countries through the use of literary and non-literary texts, current news, and contemporary film.

Course Note: Conducted in German. Not open to auditors.

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: German

FAS: Meets Foreign Lang Req: German

GERMAN 20A (002)

Course ID: 112920
2025 Fall (4 Credits)

Intermediate German

MWF 1200 PM - 0115 PM

Lisa Parkes

This third-semester language course offers a thorough review and practice of grammar and an expansion of vocabulary. Focus on enhancing students' communicative competencies in all four skill areas. Introduction to various cultural topics of the German-speaking countries through the use of literary and non-literary texts, current news, and contemporary film.

Course Note: Conducted in German. Not open to auditors.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: German

HCOL: Foreign Lang Citation: German

GERMAN 20AB

Course ID: 122029
2025 Fall (8 Credits)

Intermediate German (Intensive)

MTWR 0900 AM - 1015 AM

Lisa Parkes

A complete second-year course in one term for students with basic knowledge of German. Focus on enhancing students' communicative competencies in all four skill areas. Introduction to various cultural topics of the German-speaking countries through the use of literary and non-literary texts, current news, and contemporary film.

Course Note: Conducted in German. Not open to auditors.

German 10a, German 10ab (Formerly German A, B, ab), a score of 450 or above on the Harvard placement test, or permission of the instructor.

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: German

FAS: Meets Foreign Lang Req: German

GERMAN 20AB

Course ID: 122029
2026 Spring (8 Credits)

Intermediate German (Intensive)

MTWR 0900 AM - 1015 AM

Lisa Parkes

A complete second-year course in one term for students with basic knowledge of German. Focus on enhancing students' communicative competencies in all four skill areas. Introduction to various cultural topics of the German-speaking countries through the use of literary and non-literary texts, current news, and contemporary film.

Course Note: Conducted in German. Not open to auditors.

German 10a, German 10ab (Formerly German A, B, ab), a score of 450 or above on the Harvard placement test, or permission of the instructor.

FAS: Meets Foreign Lang Req: German

HCOL: Foreign Lang Citation: German

FAS Divisional Distribution: None

GERMAN 20B

Course ID: 111796
2025 Fall (4 Credits)

Intermediate German

MWF 1200 PM - 0115 PM

Lisa Parkes

This second-semester intermediate course is a continuation of 20a. Further review and practice of grammar and expansion of vocabulary. Focus on enhancing students' communicative competencies. Introduction to various cultural topics of the German-speaking countries through the use of literary and non-literary texts, current news,

and contemporary film.

Course Note: Conducted in German. Not open to auditors.

Prerequisite: German 20a or permission of the instructor.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: German

HCOL: Foreign Lang Citation: German

GERMAN 20B

Intermediate German

MWF 0900 AM - 1015 AM

Lisa Parkes

This second-semester intermediate course is a continuation of 20a. Further review and practice of grammar and expansion of vocabulary. Focus on enhancing students' communicative competencies. Introduction to various cultural topics of the German-speaking countries through the use of literary and non-literary texts, current news, and contemporary film.

Course Note: Conducted in German. Not open to auditors.

Prerequisite: German 20a or permission of the instructor.

HCOL: Foreign Lang Citation: German

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: German

Course ID: 111796
2026 Spring (4 Credits)

GERMAN 20B (2)

Intermediate German

MWF 1030 AM - 1145 AM

Lisa Parkes

This second-semester intermediate course is a continuation of 20a. Further review and practice of grammar and expansion of vocabulary. Focus on enhancing students' communicative competencies. Introduction to various cultural topics of the German-speaking countries through the use of literary and non-literary texts, current news, and contemporary film.

Course Note: Conducted in German. Not open to auditors.

Prerequisite: German 20a or permission of the instructor.

FAS: Meets Foreign Lang Req: German

HCOL: Foreign Lang Citation: German

FAS Divisional Distribution: None

Course ID: 111796
2026 Spring (4 Credits)

GERMAN 61 (1)

Advanced Grammar and Reading

TR 1030 AM - 1145 AM

Peter Burgard

Advanced language instruction through systematic study of the rules of grammar, their nuances, and their exceptions. Application of this knowledge through the meticulous reading and parsing of selections from sophisticated texts (Goethe, Kant, Novalis, Kleist, Nietzsche, Freud, Mann, Kafka) prepares students for any courses, internships, or work requiring advanced German reading skills.

Prerequisite: German 20B (Intermediate German) or the equivalent.

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: German

FAS: Meets Foreign Lang Req: German

Course ID: 122031
2025 Fall (4 Credits)

Advanced Conversation and Composition: Berlin Stories

MW 1030 AM - 1145 AM

Ekaterina Pirozhenko

This course is designed to further students' spoken and written German at the advanced level. Students will analyze and practice the stylistic and rhetorical features of various written and spoken genres. By focusing on aspects of contemporary society in the German-speaking countries, students will broaden and refine their vocabulary and idiom, become sensitized to different registers, as well as hone points of grammar.

Course Note: Conducted in German.

German 61, equivalent preparation, or permission of the instructor.

FAS: Meets Foreign Lang Req: German

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: German

Crime

MW 1030 AM - 1145 AM

*Instructor Permission Required**Ekaterina Pirozhenko*

This course explores the theme of crime in German-language literature and culture, from classic texts to modern crime stories. We will analyze the portrayal of crime, guilt, punishment, innocence, and justice in short stories, novellas, novels, dramas, films, and series. We will make connections between fiction and real-life criminal cases. How do literary works reflect societal notions of morality and law? What role do psychological, social, and cultural factors, as well as gender roles, social class, race, ethnicity, and national identities, play in the depiction of crime in literature, film, and media outlets? We will read canonical crime literature by E.T.A. Hoffmann, Annette von Droste-Hülshoff, Ferdinand von Schirach, Wilhelm Busch, and Friedrich Dürrenmatt, as well as works by Wilhelm Hauff, Heinrich Kleist, Thomas Mann, Jeremias Gotthelf, Bertolt Brecht, Hannah Arendt, May Ayim, along with contemporary writers and journalistic reports on current crimes. We will also discuss films by Michael Haneke, Doris Dörrie, Oliver Hirschbiegel, Tom Tykwer, and Fatih Akin. We will read, watch, discuss, and write in German and work on refining grammar and style and expanding vocabulary.

Course Note: Course taught in German.

At least one 60-level course in German.

FAS Divisional Distribution: Arts and Humanities

German Drama and Theater

WF 1030 AM - 1145 AM

*Instructor Permission Required**Lisa Parkes*

Close reading, analysis, and full production of a play in German. The first part provides an introduction to a small selection of dramas, dramatic theory, the vocabulary of theater, as well as intensive pronunciation practice. The second part focuses on the rehearsal and production of a German play. Students participate on stage and collaborate on different aspects of the production, including costumes, set, sound, and program. Two performances take place at the end of term. Conducted in German.

Course Note: Conducted in German. Class meets for one hour twice weekly during weeks 1-5; the remaining weeks are reserved for two-hour rehearsals at the scheduled time.

HCOL: Foreign Lang Citation: German

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: German

German through Community Engagement

F 0945 AM - 1145 AM

*Instructor Permission Required**Lisa Parkes*

This course provides an opportunity for professional development and civic engagement through team-teaching in a local school. By volunteering in an after-school program once a week, you will apply your own German language skills beyond campus as you create enriching learning experiences for younger students. You receive language and pedagogical training, develop lesson plans, and co-lead sessions. We also explore current issues in the German-language educational landscape as represented in literature and film.

Course Note: Conducted in German. After-school program: TBA.

Credit counts towards the Certificate for Civic Engagement.

Prerequisite: A minimum of intermediate-level German (20b or equivalent).

GERMAN 90R

Course ID: 109271

Dutch Language Tutorial

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Lisa Parkes

Individualized study of a Germanic language not ordinarily taught. Contact hours with language tutor. Emphasis on literacy.

Course Note: Not open to auditors.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Dutch

GERMAN 90R

Course ID: 109271

Dutch Language Tutorial

2026 Spring (4 Credits)

No meeting time listed

Lisa Parkes

Topic: Beginning Dutch

Individualized study of a Germanic language not ordinarily taught. Contact hours with language tutor. Emphasis on literacy.

Course Note: Not open to auditors.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Dutch

GERMAN 90R (002)

Course ID: 109271

Dutch Language Tutorial

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Lisa Parkes

Individualized study of a Germanic language not ordinarily taught. Contact hours with language tutor. Emphasis on literacy.

Course Note: Not open to auditors.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Dutch

GERMAN 90R (002)

Course ID: 109271

Dutch Language Tutorial

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Lisa Parkes

Topic: Intermediate Dutch

Individualized study of a Germanic language not ordinarily taught. Contact hours with language tutor. Emphasis on literacy.

Course Note: Not open to auditors.

FAS Divisional Distribution: None
FAS: Meets Foreign Lang Req: Dutch

GERMAN 90R (003)

Dutch Language Tutorial

No meeting time listed

Lisa Parkes

Individualized study of a Germanic language not ordinarily taught. Contact hours with language tutor. Emphasis on literacy.

Course Note: Not open to auditors.

Course ID: 109271
2025 Fall (4 Credits)

Instructor Permission Required

FAS: Meets Foreign Lang Req: Dutch
FAS Divisional Distribution: None

GERMAN 90R (003)

Dutch Language Tutorial

No meeting time listed

Lisa Parkes

Topic: Advanced Dutch

Individualized study of a Germanic language not ordinarily taught. Contact hours with language tutor. Emphasis on literacy.

Course Note: Not open to auditors.

Course ID: 109271
2026 Spring (4 Credits)

Instructor Permission Required

FAS: Meets Foreign Lang Req: Dutch
FAS Divisional Distribution: None

GERMAN 90R (004)

Dutch Language Tutorial

No meeting time listed

Lisa Parkes

Individualized study of a Germanic language not ordinarily taught. Contact hours with language tutor. Emphasis on literacy.

Course Note: Not open to auditors.

Course ID: 109271
2025 Fall (4 Credits)

Instructor Permission Required

FAS: Meets Foreign Lang Req: Dutch
FAS Divisional Distribution: None

GERMAN 91R

Supervised Reading and Research

No meeting time listed

William Stewart

Advanced reading in topics not covered in regular courses.

Course Note: Permission of the Director of Undergraduate Studies is required.

Course ID: 108705
2026 Spring (4 Credits)

FAS Divisional Distribution: Arts and Humanities

GERMAN 91R

Supervised Reading and Research

No meeting time listed

Lisa Parkes

Advanced reading in topics not covered in regular courses.

Course ID: 108705
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Permission of the Director of Undergraduate Studies is required.

FAS Divisional Distribution: Arts and Humanities

GERMAN 98 (1)

Junior Tutorial

No meeting time listed

William Stewart

Individualized course of study developed by junior concentrators in German to explore a particular field of interest, and ordinarily directed by a member of faculty. The tutorial culminates in a longer paper (of 15-20 pages, in English).

Course ID: 221938
2026 Spring (4 Credits)

FAS Divisional Distribution: Arts and Humanities

GERMAN 99A

Tutorial - Senior Year

No meeting time listed

Lisa Parkes

Open to concentrators writing an honors thesis under faculty supervision. Students are expected to enroll for the entire year. Permission of the Director of Undergraduate Studies is required. Part one of a two-part series.

Course ID: 112841
2025 Fall (4 Credits)

Instructor Permission Required

Full Year Course: Divisible Course

FAS Divisional Distribution: Arts and Humanities

GERMAN 99C (1)

Tutorial - Senior Year

No meeting time listed

Senior capstone tutorial for concentrators in German. Permission of the Director of Undergraduate Studies is required. One term.

Course Note: Permission of the Director of Undergraduate Studies is required. One term.

Course ID: 217832
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

GERMAN 100X (1)

Introduction to German Literature, History, and Thought

W 0300 PM - 0500 PM

Nicole Suetterlin

A survey course on major works in German literature, philosophy, and critique from the mid-eighteenth century to the twentieth century. Close reading of representative texts opens onto broader ramifications in cultural and intellectual history with further consideration of societal and political tensions.

Requires: Anti-Req: may not be taken for credit if COMPLIT 100 already complete.

FAS Divisional Distribution: Arts and Humanities

Course ID: 220182
2026 Spring (4 Credits)

GERMAN 107 (1)

The Self in German Idealism

T 1200 PM - 0200 PM

Anne Dymek

What defines the self? In this course, we take a close look at the intricate philosophical investigations regarding the self within German Idealism. We study pivotal works by key figures like Immanuel Kant, Johann Gottlieb

Course ID: 224566
2026 Spring (4 Credits)

Fichte, Friedrich Schelling, and Georg Wilhelm Friedrich Hegel. Through close readings and critical analyses, we investigate the concept of self, its connections to consciousness and world, imagination and reality, freedom and determinism. This exploration not only deepens our understanding of the philosophical tradition but also illuminates essential aspects of human existence in the modern world. Instruction and readings are in English.

Course Note: This course is cross-listed in the Philosophy Department.

FAS Divisional Distribution: Arts and Humanities

GERMAN 113 (1)

Your Brain on Poetry

M 1245 PM - 0245 PM

Anne Dymek

Course ID: 223012
2025 Fall (4 Credits)

Instructor Permission Required

Poetry is a powerful tool for expressing and exploring the human experience. But what is it about poetry that allows it to connect with us so deeply? What can we learn about the workings of the brain, the mind, and the nature of human experience through the study of poetry, and vice versa? In this course, we delve into the science and art of poetic expression, reception, and interpretation, drawing on insights from literary and cultural studies, neuroscience, philosophy, and (psycho)linguistics. We will unravel how poetry captivates our cognition and ignites our imagination, offering profound insights into the intricate interplay between this art and the human psyche.

Course Note: Jointly offered with Faculty of Arts and Sciences as German 113. Credit may be earned for MBB980BB or German 113, but not both. Enrollment via lottery; consult <https://mbb.harvard.edu/seminars> for lottery deadline, instructions, and link. Preference to students in Germanic Languages and Literatures and to juniors in MBB tracks or MBB secondary field. Course content inquiries to annedymek@fas.harvard.edu.

FAS Divisional Distribution: Arts and Humanities

GERMAN 159 (1)

100 Years of Queer German Cinema

W 1200 PM - 0245 PM

Anne Dymek

Course ID: 224434
2026 Spring (4 Credits)

German Queer cinema played a pivotal role in the emergence of LGBTQ+ representation on celluloid. We'll delve into the groundbreaking contributions of German filmmakers, exemplified by productions like Richard Oswald's seminal work, "Different From the Others," a revolutionary silent melodrama that boldly challenged the oppressive laws of Paragraph 175, which criminalized homosexuality during the Weimar Republic era. Throughout the past century, German cinema has continued to blaze trails, offering a diverse array of films exploring the lives and experiences of LGBTQ+ individuals and communities. In this course, we will delve into the socio-historical underpinnings surrounding these cinematic landmarks, concurrently engaging in a nuanced analysis of the cinematic language employed to articulate Queer narratives. We will integrate theoretical, documentary, and poetic readings spanning Queer culture, European history, and film theory. Our course will be complemented by a series of film screenings at the renowned Brattle Cinema, featuring a curated selection of eight German Queer films. Instruction and readings are in English.

Course Note: This course is cross-listed in WGS and AFVS.

FAS Divisional Distribution: Arts and Humanities

GERMAN 165 (1)

Postmodern Prose: Literature in the Age of Electronic Media

R 1200 PM - 0200 PM

William Stewart

Course ID: 226357
2025 Fall (4 Credits)

If one of the end-stations of modernism's grand narratives was Nazism, then the attempts to move beyond a fascist past in the decades following Germany's defeat in the Second World War represent a distinctly German mode of postmodernism. The social and political manifestations of this long postmodernism—a divided Germany, the threat of nuclear war, the rise of the information age, the development of globalist identities and ecological awareness, a "reunified" Germany—are characterized by enormous rupture, discontinuity, and instability. Literary forms in this period are no different: the death of the author, a growing discontent with the realist novel, and the relegation of literature to a subset of media are all symptoms of an age in which fiction has come to question its own legitimacy. By the same token, however, this period also witnesses exhilarating experimentation and groundbreaking formal shifts that continue to influence our notions of what is possible in literature up to the present day. This course surveys key contributions to the literary avant-garde in German-

speaking postmodern contexts. We will study a range of prose fiction by major authors from West Germany, East Germany, postwar Austria, and a post-Wall Germany, including Thomas Bernhard, Uwe Johnson, Christa Wolf, Alexander Kluge, W.G. Sebald, Rainald Goetz, and Jenny Erpenbeck. The course will consider problems of authorship, the challenges to constructing subjecthood, the boundaries between the fictional and non-fictional, the influence of electronic media on prose forms, the relation of text to image, the response of fiction to market forces and historical trauma—and how each of these topics contributes to our understanding of the often overused signifier "postmodernism." This course will also examine a sample of key theoretical texts on the failure of modernism and whatever must come after it by Theodor W. Adorno, Roland Barthes, Fredric Jameson, Audre Lorde, and Jean-Francois Lyotard. Students will leave this seminar with a strong command of the ideas, styles, and provocations found in German literature from the end of World War II to the contemporary moment, as well as a clear idea of the debates and stakes at the heart of postmodernism in Western contexts.

Course Note: Readings in German or English, discussion in English.

FAS Divisional Distribution: Arts and Humanities

GERMAN 172 (1)

Cinematic Angst: The Aesthetics of Darkness and Disquiet

R 1200 PM - 0245 PM

Anne Dymek

Course ID: 226354
2025 Fall (4 Credits)

Instructor Permission Required

Stanley Cavell observed that the latent anxiety in viewing films stems from the medium's relentless demonstration that our convictions about reality rest on fragile foundations. Cinema, by its very form, presents a world that is both present and absent, immersive yet untouchable, exposing the instability of meaning and the uncertainty of reality. Kierkegaard describes angst as "the dizziness of freedom," while Heidegger sees it as a fundamental mood that reveals the "groundless ground" of our human existence. Film does not merely depict these tensions—it enacts them through its very form. Its aesthetic and structural choices manipulate time, space, and perspective, drawing the viewer into an experience where meaning and reality are unstable. We will analyze the work of seminal directors, including Luis Buñuel, Fritz Lang, Carl Dreyer, Andrei Tarkovsky, Alfred Hitchcock, Stanley Kubrick, Rainer Werner Fassbinder, Lars von Trier, Ari Aster, Kiyoshi Kurosawa, David Lynch, and Michael Haneke. Through weekly screenings and critical readings in film theory, psychology, as well as philosophy, the seminar interrogates how cinematic strategies construct an aesthetic of darkness and disquiet, engaging with broader notions of angst and the elusive logic of the unconscious.

Course Note: Language of instruction: English.

FAS Divisional Distribution: Arts and Humanities

GERMAN 173 (1)

German Poetry Today

T 1200 PM - 0245 PM

Simone Stirner

Course ID: 226327
2025 Fall (4 Credits)

The course introduces students to the rich and vibrant landscape of contemporary German poetry and considers how poetry participates in the social, political, and emotional fabric of Germany today. We will talk rhythm and meter, discuss politics and pop culture, consider forms of intermediality and multilingualism, engage with poetry films and performance art, to assess not only what poems mean but also how they are protesting, mourning, remembering, loving, dreaming up futures—in German today. Practicing close analysis and attentive reading, we chart the formal innovations of individual poems alongside an understanding of broader trends in German literature and culture. Guest speakers include a poet, a translator, and a poetry editor who will connect us to the contemporary scene of poetry festivals and publishing houses in Germany. Poetry by Semra Ertan, May Ayim, Durs Grünbein, Monika Rinck, Marion Poschmann, Ann Cotten, Esther Dischereit, Yoko Tawada, Jan Wagner, Max Czollek, Dunajcsik Mátyás, and others.

FAS Divisional Distribution: Arts and Humanities

GERMAN 188 (1)

Angst, Sex, and Dreams: the Psychoanalytic Worlds of Freud, Kafka, and Bachmann

W 0300 PM - 0500 PM

William Stewart

Course ID: 223073
2025 Fall (4 Credits)

This course examines three German-language writers whose works establish foundational critiques of modern

Western society. Why do we all seem to feel so discontent? What explains the differences between our conscious and unconscious thoughts? Why is our sexuality so fraught and yet so central to our lives? And is there a link between analysis of our inner selves and the preponderance of legal, bureaucratic, and administrative regimes that can turn waking life into a nightmare? Focussing on selected essays, lectures, and works of fiction by Sigmund Freud, Franz Kafka, and Ingeborg Bachmann, this course will develop tools to analyze the human psyche as it manifests in texts, actions, and social systems.

Course Note: Discussion in English, readings in English and optionally in German.

FAS Divisional Distribution: Arts and Humanities

GERMAN 192 (1)

Artificial Intelligences: Body, Art, and Technology in Modern Germany

Course ID: 220183
2026 Spring (4 Credits)

W 0300 PM - 0500 PM

William Stewart

Recent developments in artificial intelligence—most notably OpenAI's DALL-E and ChatGPT—have revealed an acute need for critical thinking about the social, aesthetic, and philosophical implications of these technologies. What do they tell us about the difference between the real and the artificial, the mechanical and the organic, or the body and the prosthetic? This course examines how ideas about these topics have developed over the past century alongside discussions of gender, personhood, and reality. We will deepen our notions of both "artifice" and "intelligence" by tracing a longer history in modernity of creative acts that blur the lines between the human and the machine. With an emphasis on visual material and three artistic media in particular—dance/performance, photography, and moving images—we will consider the human's changing relationship to technology in the 20th and 21st centuries, and the social and political ramifications of that relationship. The class will take advantage of Harvard's extensive art collections, with most of our meetings taking place in the Busch-Reisinger Museum and the Harvard Film Archive. This course provides an introduction to visual cultures, German media theory, and gender studies and will be conducted in English. No background in art history is necessary.

Course Note: Taught in English.

FAS Divisional Distribution: Arts and Humanities

GERMAN 260 (1)

Posthumanism

Course ID: 216389
2026 Spring (4 Credits)

T 1200 PM - 0245 PM

Nicole Suetterlin

What does it mean to be human in the 21st century? This question lies at the heart of the transdisciplinary approach known as posthumanism. In this time of increasing social and environmental injustices, the fast-growing field of the posthumanities challenges the patriarchal, colonialist, and anthropocentric paradigms underlying the Western tradition. This course focuses on a key player in posthuman ethics: the body. How does the literary imagination envision multispecies, multiracial, and gender-fluid bodies, selves, and societies that are inclusive of marginalized communities, be they human or other-than-human? This course explores how contemporary German literature helps us develop ethical frameworks for our fragile 21st-century ecologies. Topics include: Anthropocene, multispecies justice, gender and sexuality, Afrofuturism, algorithmic justice, diaspora and migration, ecofeminism, eco-materialism. Readings include German-language authors such as Dietmar Dath, Olga Flor, Sharon Dodua Otoo, Sasha Marianna Salzmann, and Ilija Trojanow, American authors such as Nnedi Okorafor and Richard Powers, and cultural theorists such as Donna Haraway, Saidiya Hartman, Bruno Latour, and Paul Preciado.

Course Note: Discussions in English, readings in English and German. Proficiency in German is not required for this course: most texts have been translated into English, and English-language alternatives will be provided for texts where English translations are not available. Undergraduates welcome.

FAS Divisional Distribution: Arts and Humanities

GERMAN 275 (1)

The German Ecological Imagination

Course ID: 220185
2025 Fall (4 Credits)

W 0300 PM - 0545 PM

Daniel Carranza

It is common to read in the paper about the coming climate crisis, framed as a matter of saving the environment or planet. Less often invoked, however, is an older, more metaphysical notion of 'nature naturing' actively (natura

naturans). When (if ever) did the concept of the 'environment' replace that of nature? What are the exact differences between the terms we use to refer to the planet as our shared home, whether 'nature,' '(e/E)arth,' 'world,' 'environment,' 'planet,' or 'globe'? And what ramifications might the semantic shifts between these six terms have for current environmental debates?] This interdisciplinary course asks these questions by examining three phases in the history of the idea of nature as instigated by key German poets, thinkers, and visual artists. Beginning with the period around 1800, we will reconstruct the tensions animating Romanticism's holistic conception of nature by reading works by Kant, Goethe, Schelling, and Alexander von Humboldt, while the landscape paintings of Caspar David Friedrich will furnish our artistic case study. Turning to the first half of the twentieth century, we will encounter the first use of the German term Umwelt ('environment') in its modern sense in the work of theoretical biologist Jakob von Uexküll, who was friends with the poet Rainer Maria Rilke. We will reconstruct Martin Heidegger's critique of modern technology and compare and contrast his conception of the artwork's ties to 'earth' and 'world' vis-à-vis comparison to Schelling's theory of the artwork's relation to nature. Our exemplary artist for this second phase is Paul Klee, who grounded his aesthetic vision in nature's formative processes. Approaching our contemporary moment, we will read literary works by W.G. Sebald while attending to the political and communicative vicissitudes of coming to societal awareness of a transhistorical phenomenon such as climate change. Joseph Beuys's politico-aesthetic agitations and the first photos of the Earth taken from outer space provide our last artistic case studies. German students and majors will meet in an additional weekly section to discuss excerpts of select texts in German.

FAS Divisional Distribution: Arts and Humanities

GERMAN 277 (1)

Creative Non-Fiction

M 0300 PM - 0545 PM

Simone Stinner

Course ID: 226328
2025 Fall (4 Credits)

In this seminar, we will study contemporary forms of creative non-fiction—narrative and poetic non-fiction, literary journalism, personal essay, autotheory—in a cross-historical perspective. We consider how these often hybrid and experimental forms of writing articulate the relation between personal biography, historiography, and theory; study their errant genealogies; follow how aesthetic form comes to intersect with forms of lived experience; and collectively think about the stakes and limitations of creative, non-fictional modes for expressions of embodiment, subjectivity, and historical understanding. Primary readings by (among other) Alexander Kluge, Carolin Emcke, Esther Dischereit, José F.A. Oliver, Kim de l'Horizon and Şeyda Kurt will be discussed alongside historical examples and theoretical texts from German and other language traditions, including works by Walter Benjamin, Annemarie Schwarzenbach, Roland Barthes, Didier Eribon, Saidiya Hartman, Donna Haraway, and Maggie Nelson. Our discussions will be supplemented by writing workshops where students have the opportunity to develop their own pieces of creative non-fiction in dialogue with our theoretical reflections.

Course Note: Class discussions in English. Readings in German and English.

FAS Divisional Distribution: Arts and Humanities

GERMAN 287 (1)

Literature on Trial: Kafka in Paris

W 1245 PM - 0245 PM

John T. Hamilton

Course ID: 212931
2025 Fall (4 Credits)

The seminar engages in a close study of Kafka's major stories and novels, diaries and correspondence; and how this body of work was received, explicated and interpreted by key figures in post-war France: Maurice Blanchot, Jacques Lacan, Deleuze & Guattari, Jacques Derrida, and others.

Course Note: Readings in German and French, with English translations available. Discussion in English.

This course is equivalent to CompLit 212. Credit may be earned for CompLit 212 or German 287, but not both.

FAS Divisional Distribution: Arts and Humanities

GERMAN 291 (1)

Questions of Theory

F 0900 AM - 1145 AM

John T. Hamilton, Jeffrey Schnapp

Course ID: 203281
2025 Fall (4 Credits)

To explore key literary, cultural and critical theories, we pose questions through readings of classic and contemporary theorists, from Aristotle to Kant, Schiller, Arendt, Barthes, Foucault, Glissant, Ortiz, Kittler, and

Butler, among others. Their approaches include aesthetics, (post)structuralism, (post)colonialism, media theory, gender theory, ecocriticism. Each seminar addresses a core reading and a cluster of variations. Weekly writing assignments will formulate a question that addresses the core texts to prepare for in-class discussions and interpretive activities.

Course Note: Conducted in English. This course is offered as ROM-STD 201 and GERMAN 291. Credit may be earned for one course only.

FAS Divisional Distribution: Arts and Humanities

GERMAN 300	Course ID: 113307
Dissertation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>John T. Hamilton</i>	

GERMAN 300 (002)	Course ID: 113307
Dissertation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>John T. Hamilton</i>	

GERMAN 300 (002)	Course ID: 113307
Dissertation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>John T. Hamilton</i>	

GERMAN 300 (004)	Course ID: 113307
Dissertation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Stephen Mitchell</i>	

GERMAN 300 (004)	Course ID: 113307
Dissertation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Stephen Mitchell</i>	

GERMAN 300 (005)	Course ID: 113307
Dissertation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Peter Burgard</i>	

GERMAN 300 (005)	Course ID: 113307
Dissertation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Peter Burgard</i>	

GERMAN 300 (007)	Course ID: 113307
Dissertation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Nicole Suetterlin</i>	

GERMAN 300 (007)	Course ID: 113307
Dissertation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Nicole Suetterlin</i>	

GERMAN 300 (008)	Course ID: 113307
Dissertation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Alison Frank Johnson</i>	

GERMAN 300 (008)	Course ID: 113307
Dissertation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Alison Frank Johnson</i>	

GERMAN 310	Course ID: 208304
Teaching	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Daniel Carranza</i>	

FAS Divisional Distribution: None

GERMAN 310 (1)	Course ID: 208304
Teaching	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>John T. Hamilton</i>	

FAS Divisional Distribution: None

GERMAN 320	Course ID: 208305
Course-Related Work	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Daniel Carranza</i>	

FAS Divisional Distribution: None

GERMAN 320 (1)	Course ID: 208305
Course-Related Work	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>John T. Hamilton</i>	

FAS Divisional Distribution: None

GERMAN 330	Course ID: 208306
Research-Related Work	2025 Fall (4 Credits)

No meeting time listed
John T. Hamilton

Instructor Permission Required

FAS Divisional Distribution: None

Swedish

SWEDISH 10A

Beginning Swedish Language and Literature

MTWR 0900 AM - 1015 AM

Agnes Broome

A basic course focusing on listening, speaking, reading, and writing skills. During fall term, pronunciation and listening comprehension will be emphasized, as well as regular writing assignments. Literary, film, music and other cultural texts will be introduced relatively early on. By semester's end, students will have achieved a basic literacy in everyday Swedish.

Course Note: Not open to auditors.

FAS: Meets Foreign Lang Req: Swedish

FAS Divisional Distribution: None

Course ID: 121412

2025 Fall (4 Credits)

SWEDISH 10B

Beginning Swedish Language and Literature

MTWR 0900 AM - 1015 AM

Agnes Broome

Continuation of the basic course focusing on a basic mastery of listening, speaking, reading, and writing skills. During spring term, the emphasis is on more advanced conversation and an exploration of Sweden's culture and civilization through selected texts and video. By semester's end, students will be able to carry on conversations in everyday Swedish, read news articles, and write letters and produce substantial creative work.

Course Note: Not open to auditors.

FAS: Meets Foreign Lang Req: Swedish

FAS Divisional Distribution: None

Course ID: 126648

2026 Spring (4 Credits)

SWEDISH 20A

Intermediate Swedish: Childhood in Swedish Literature and Culture

No meeting time listed

Agnes Broome

Sweden and Swedish Finland have produced some of the most translated and beloved works of children's fiction in the world. In this intermediate Swedish language course, we will review the essentials of Swedish grammar and vocabulary as we explore some of these classic works of children's fiction, film, and comic books and the aspects of Swedish culture they illuminate. The final project for this class involves producing your own work of children's fiction or film.

Course Note: Conducted in Swedish. Not open to auditors.

Prerequisite: Swedish Ab or equivalent.

Swedish Ab or equivalent.

FAS: Meets Foreign Lang Req: Swedish

HCOL: Foreign Lang Citation: Swedish

FAS Divisional Distribution: None

Course ID: 112472

2025 Fall (4 Credits)

Instructor Permission Required

SWEDISH 20B (1)

Intermediate Swedish

No meeting time listed

Agnes Broome

Continuation of Swedish 20a. Focuses on enhancing students' proficiency in all four skill areas with special emphasis on speaking/discussion and the control of different discourse registers. Extensive vocabulary-building

Course ID: 203488

2026 Spring (4 Credits)

exercises, a thorough grammar review, and an introduction to various Swedish cultural topics and current affairs through the use of literary and non-literary texts, multimedia resources, and the news.

Course Note: Conducted in Swedish. Prerequisite: Swedish 20a or equivalent.

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: Swedish

FAS: Meets Foreign Lang Req: Swedish

Germanic Philology

GERMPHIL 280 (1)

Approaches to Foreign Language Pedagogy

R 1245 PM - 0245 PM

Lisa Parkes

Course ID: 205603
2025 Fall (4 Credits)

Instructor Permission Required

A practical and theoretical introduction to foreign language instruction. Emphasis on historical and current theories of second language acquisition and their implications for the methods of teaching foreign language, culture, and literature.

FAS Divisional Distribution: Arts and Humanities

GERMPHIL 300

Special Reading Programs and Research Problems for Advanced Students

No meeting time listed

Peter Burgard

Course ID: 108357
2025 Fall (4 Credits)

Instructor Permission Required

Global Health and Health Policy

Global Health & Health Policy

GHHP 20

Maternal & Reproductive Health and Health Policy

MW 0300 PM - 0415 PM

Jessica Cohen

Course ID: 223975
2026 Spring (4 Credits)

Instructor Permission Required

Global Health and Health Policy 20: Maternal and Reproductive Health and Health Policy: What Do We Know? How Do We Know It? What Are We Doing About It? This course will introduce students to the dominant issues in reproductive, maternal, and newborn health—including determinants of health care access, equity, quality, and outcomes—while exploring how evidence is generated and the complex translation of evidence into policy. We will consider a range of programmatic and policy approaches to improving maternal and reproductive health and unpack why some have worked and some have not. We will read and discuss research from a range of settings, including the United States and low- and middle-income countries. A primary goal of the course will be to sharpen students' ability to think critically about the measurement and evaluation of health care programs and to expose them to the tradeoffs inherent in different approaches to evidence generation and dissemination. Readings and coursework will introduce students to, or deepen their familiarity with, approaches to causal inference, including randomized controlled trials and "natural experiments." Throughout the course we will discuss the implications of health policy choices, health system designs, and clinical guidelines for maternal-reproductive health equity, both within and across countries. Some sessions will include guest speakers, who are experts in the field of maternal health, including clinicians, researchers, policy-makers, and advocates.

Course Note: Lotteried course; enrollment limited to 25.

Some familiarity with statistics is beneficial, but not required

FAS Divisional Distribution: Social Sciences

GHHP 50

The Quality of Health Care in America

TR 0300 PM - 0415 PM

Anupam Jena

Course ID: 114957
2025 Fall (4 Credits)

Instructor Permission Required

Offers information and experiences regarding the most important issues and challenges in health care quality. Overview of the dimensions of quality of care, including outcomes, overuse, underuse, variation in practice patterns, errors and threats to patient safety, service flaws, and forms of waste. Each session focuses on one specific issue, exploring patterns of performance, data sources, costs, causes, and remedies. Explores desirable properties of health care systems that perform at high levels in many dimensions of quality.

Course Note: Lotteried course; enrollment limited to 42.

GHHP 70

Humanitarian Response to Conflict and Disasters

W 0300 PM - 0500 PM

Michael VanRooyen

Course ID: 161268
2026 Spring (4 Credits)

Instructor Permission Required

Global conflict, climate change, forced migration of refugees have increased in scale and complexity. How should the world respond when war and disasters force people from their homes? How can we better help the world's civilian populations in such extreme circumstances? This course examines the past, present, and future of the international humanitarian response system. We will explore through case studies of modern conflict and disaster, how Doctors Without Borders, the United Nations, the Red Cross, and other aid agencies came to be and how global response standards, international humanitarian law, and new technologies are shaping worldwide disaster relief. Through interactive discussions, case studies, and assignments, students will: Learn how aid workers prioritize and coordinate life saving humanitarian efforts. Explore the interaction of humanitarian agencies with governments and civil society to provide refugee aid. Understand the challenges of the refugee journey. Analyze the humanitarian community's response to conflicts and crisis.

Course Note: At the end of the course on May 2-3, 2025, students can opt to participate as a 'refugee' as part of a large, outdoor humanitarian response training exercise with students and professional aid workers from around the world.

*No prior knowledge of the subject is required.
No auditors or cross-registrants.*

FAS Divisional Distribution: Social Sciences

GHHP 91

Supervised Reading and Research

No meeting time listed

David Cutler

Course ID: 127231
2025 Fall (4 Credits)

Instructor Permission Required

GHHP 91

Supervised Reading and Research

No meeting time listed

David Cutler

Course ID: 127231
2026 Spring (4 Credits)

Instructor Permission Required

GHHP 99

Research in Global Health and Health Policy

W 0300 PM - 0500 PM

David Cutler

Course ID: 123102
2026 Spring (4 Credits)

Instructor Permission Required

Global health and health policy are interdisciplinary fields that apply the theories and methods of statistics, sociology, political science, economics, management, decision science, and philosophy to the study of population health and health care. Research from these fields influences policymaking in a variety of settings. For example, the Patient Protection and Affordable Care Act (ACA) drew upon health policy research to develop programs for improving access and quality of care in the United States. Similarly, global health research guides international institutions, such as the World Health Organization, in determining health guidelines for all countries. Global health and health policy research can also inform practices inside hospitals, initiate programs for diseases like HIV, and regulate the food and drug industries. This course introduces the fundamentals of research design and methods in global health and health policy and assists students in developing research projects and crafting policy recommendations that can impact health care systems and public health.

Course Note: This course fulfills the research requirement of the Secondary Field in Global Health and Health Policy, and enrollment is ordinarily limited to seniors in the GHHP Secondary Field. Underclass GHHP students may petition to take the course if all other Secondary Field requirements have been met. GHHP 99 is primarily taught by graduate students in the PhD in Health Policy program. It may not be taken pass/fail.

FAS Divisional Distribution: Social Sciences

GHHP 99 (002)

Research in Global Health and Health Policy

W 0300 PM - 0500 PM

David Cutler

Course ID: 123102

2026 Spring (4 Credits)

Instructor Permission Required

Global health and health policy are interdisciplinary fields that apply the theories and methods of statistics, sociology, political science, economics, management, decision science, and philosophy to the study of population health and health care. Research from these fields influences policymaking in a variety of settings. For example, the Patient Protection and Affordable Care Act (ACA) drew upon health policy research to develop programs for improving access and quality of care in the United States. Similarly, global health research guides international institutions, such as the World Health Organization, in determining health guidelines for all countries. Global health and health policy research can also inform practices inside hospitals, initiate programs for diseases like HIV, and regulate the food and drug industries. This course introduces the fundamentals of research design and methods in global health and health policy and assists students in developing research projects and crafting policy recommendations that can impact health care systems and public health.

Course Note: This course fulfills the research requirement of the Secondary Field in Global Health and Health Policy, and enrollment is ordinarily limited to seniors in the GHHP Secondary Field. Underclass GHHP students may petition to take the course if all other Secondary Field requirements have been met. GHHP 99 is primarily taught by graduate students in the PhD in Health Policy program. It may not be taken pass/fail.

FAS Divisional Distribution: Social Sciences

GHHP 99 (003)

Research in Global Health and Health Policy

M 1245 PM - 0245 PM

David Cutler

Course ID: 123102

2026 Spring (4 Credits)

Instructor Permission Required

Global health and health policy are interdisciplinary fields that apply the theories and methods of statistics, sociology, political science, economics, management, decision science, and philosophy to the study of population health and health care. Research from these fields influences policymaking in a variety of settings. For example, the Patient Protection and Affordable Care Act (ACA) drew upon health policy research to develop programs for improving access and quality of care in the United States. Similarly, global health research guides international institutions, such as the World Health Organization, in determining health guidelines for all countries. Global health and health policy research can also inform practices inside hospitals, initiate programs for diseases like HIV, and regulate the food and drug industries. This course introduces the fundamentals of research design and methods in global health and health policy and assists students in developing research projects and crafting policy recommendations that can impact health care systems and public health.

Course Note: This course fulfills the research requirement of the Secondary Field in Global Health and Health Policy, and enrollment is ordinarily limited to seniors in the GHHP Secondary Field. Underclass GHHP students may petition to take the course if all other Secondary Field requirements have been met. GHHP 99 is primarily taught by graduate students in the PhD in Health Policy program. It may not be taken pass/fail.

FAS Divisional Distribution: Social Sciences

Government

Government

GOV 10

Foundations of Political Theory

TR 0130 PM - 0245 PM

Sergio Imparato

Course ID: 124414

2025 Fall (4 Credits)

This course investigates the central problems of political theory that concern the justification of democracy. Is democratic rule the uniquely just form of collective decision-making? What political institutions best express the democratic values of equality, freedom, deliberation, and participation? What are the moral responsibilities of citizens - whose representatives exercise political power in their name? Is democracy a human right? How do themes of race and globalization intersect with democratic theory? Readings integrate contemporary work in political philosophy from thinkers ranging from Chris Lebron to Karuna Mantena with canonical thinkers, including Plato, Aristotle, Rousseau, W.E.B. DuBois, John Rawls, Robert Nozick, Judith Shklar, and Charles Mills. Sections will be structured with thematic focus areas, and students will be asked to rank choices: options will include federalism and equality; civic agency; and race and democracy.

*theory_subfield*This course requires students to choose timed sections during registration.

 GOV 20
Foundations of Comparative Politics

TR 1030 AM - 1145 AM

Steven Levitsky

Provides an introduction to key concepts and theoretical approaches in comparative politics. Major themes include the causes of democratization, economic development, ethnic conflict, and social revolutions; as well as the role of the state, political institutions, and civil society. Examines and critically evaluates different theoretical approaches to politics including modernization, Marxist, cultural, institutionalist, and leadership-centered approaches. Compares cases from Africa, Asia, Europe, Middle East and Latin America to provide students with grounding in the basic tools of comparative analysis.

comparative_subfield This course requires students to choose timed sections during registration.

FAS Divisional Distribution: Social Sciences

Course ID: 117853

2025 Fall (4 Credits)

 GOV 30
American Government: A New Perspective

MW 1030 AM - 1145 AM

Paul Peterson

Provides an overview of contemporary American politics. It analyses the way in which recent changes in elections and media coverage have helped shape key aspects of American government, including the courts, Congress, and the Presidency, the workings of interest groups and political parties, and, also, the making of public policy. Permanent political campaigns have altered governmental institutions and processes. The course explains how and why.

american_subfield This course requires students to choose timed sections during registration.

FAS Divisional Distribution: Social Sciences

Course ID: 111813

2025 Fall (4 Credits)

 GOV 40
International Conflict and Cooperation

TR 1030 AM - 1145 AM

Course ID: 126258

2026 Spring (4 Credits)

Instructor Permission Required

This course is an introduction to the analysis of the causes and character of international conflict and cooperation. The course covers core theoretical models for why and how countries bargain, fight, and cooperate. The first half of the course focuses on conflict and international security. The second half focuses on international political economy and international organizations.

IR_subfield

FAS Divisional Distribution: Social Sciences

 GOV 50
Data Science for the Social Sciences

TR 1030 AM - 1145 AM

Anthony Cunningham

Course ID: 115859

2025 Fall (4 Credits)

Data is a fundamental part of studying the social, political, and economic world. How can we measure racial discrimination in job hiring? What is the best way to predict election outcomes? What factors drive the onset of civil wars? Is it possible to determine what members of Congress are more or less liberal given their voting record? These are just a few of the numerous questions that social scientists in academia and industry are tackling with quantitative data. In this course, you will learn the fundamentals of data science as applied to the social sciences: visualization, wangling, causal inference, prediction, and inference. All the while you will learn how to communicate your findings to a broad audience and how to use the professional tools of the trade such as R, tidyverse, and GitHub. Each student will complete a final project to showcase their acquired skills. No previous experience with statistics or statistical computing required.

Instructor: Scott Cunningham data_sciencetech_science This course requires students to choose timed sections

during registration.

FAS Divisional Distribution: Social Sciences

Quantitative Reasoning with Data: Yes

GOV 51

Data Analysis and Politics

TR 1200 PM - 0115 PM

Anthony Cunningham

How can we measure racial discrimination in job hiring? What is the best way to predict election outcomes? What factors drive the onset of civil wars? The goal of this course is to give you the ability to understand, explain, and perform research on the most pressing social and political issues with a special focus on data analysis and causal reasoning. You will be able to read and understand the methodology of most academic articles in the social sciences while also learning the core ideas and tools of data science used across many industries.

Course Note: This course must be taken for a letter grade.

Prerequisite: Gov 50, Stat 100, Stat 104 or equivalent.

Instructor: Scott Cunningham data_sciencetech_science May count as a research practice course for honors candidates.

FAS Divisional Distribution: Social Sciences

Quantitative Reasoning with Data: Yes

GOV 62

Research Practice in Qualitative Methods

W 0300 PM - 0545 PM

To prepare students to write senior theses within American politics, comparative politics, or international relations, this course introduces the principles of empirical research in political science. Students will learn how to frame a project, review literature, articulate theories, test arguments, and collect evidence. Engaging both quantitative and qualitative research traditions, the course covers topics including the logic of causal inference, measurement and conceptualization, and case selection. It also introduces analytic techniques in qualitative methods such as archival research, interviewing, and process tracing. Assignments in the course build towards a final prospectus for an empirical research project.

May count as a research practice course for honors candidates.

FAS Divisional Distribution: Social Sciences

GOV 63

Political Theory: Methods and Resources

M 0945 AM - 1145 AM

This course introduces students to the most important debates in contemporary English-language political theory, centered on questions of justice, equality and rights. We then turn to topics that reflect the individual interests of students who enroll. The course is designed to help participants to make the transition from being critical readers of political thought to being independent contributors to debate. It will be especially useful for those considering writing a thesis in political theory.

Instructor: Tomer Perry.theory_subfield May count as a research practice course for honors candidates.

FAS Divisional Distribution: Social Sciences

GOV 91R

Supervised Reading and Research

No meeting time listed

Nara Dillon

Supervised reading leading to a term paper in a topic or topics not covered by regular courses of instruction.

Course ID: 123443

2026 Spring (4 Credits)

Course ID: 108287

2026 Spring (4 Credits)

Course ID: 108285

2026 Spring (4 Credits)

Course ID: 111659

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Limited to juniors and seniors. Does not count for concentration credit. Offered at the discretion of the individual instructors. Written proposal and signature of Director of Undergraduate Studies required.

FAS Divisional Distribution: Social Sciences

GOV 91R

Supervised Reading and Research

Course ID: 111659
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Nara Dillon, Gabriel Katsh

Supervised reading leading to a term paper in a topic or topics not covered by regular courses of instruction.

Course Note: Limited to juniors and seniors. Does not count for concentration credit. Offered at the discretion of the individual instructors. Written proposal and signature of Director of Undergraduate Studies required.

FAS Divisional Distribution: Social Sciences

GOV 92R

Faculty Research Assistant

Course ID: 108639
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Nara Dillon

Course Note: This course must be taken Sat/Unsat.

Requires application. Interested students should contact the Government Undergraduate Office.

FAS Divisional Distribution: Social Sciences

GOV 92R

Faculty Research Assistant

Course ID: 108639
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Nara Dillon

Course Note: This course must be taken Sat/Unsat.

Requires application. Interested students should contact the Government Undergraduate Office.

FAS Divisional Distribution: Social Sciences

GOV 94AA

American Political Thought

Course ID: 224695
2026 Spring (4 Credits)

T 0300 PM - 0500 PM

Instructor Permission Required

Jordan Ecker

Is there a tradition of 'American' political thought? What are the theoretical foundations, sources, and influences of contemporary American political beliefs? This course will survey the origins, debates, and crises of 'American' political thought from the Revolutionary Founding through to present day debates. We will consider questions about the nature of American democracy, its constitutive inclusions and exclusions, and the notions of freedom and equality whose contestation have undergirded notions of American identity for nearly 250 years.

theory_subfield

FAS Divisional Distribution: Social Sciences

GOV 94AU

Political Economy

Course ID: 109742
2025 Fall (4 Credits)

R 0945 AM - 1145 AM

Instructor Permission Required

Torben Iversen

This course is a survey of advanced topics in political economy, with a focus on affluent democracies in North

America, Western Europe, and East Asia. We will explore cross-national differences in the organization of economic, political, and social institutions, their origins, and how they produce divergent economic policies and outcomes. We will also ask how class, race, and gender affect the politics of inequality and redistribution, and we will consider the political and economic consequences of globalization, women's economic mobilization, and new technology -- including the rise of right populism.

*comparative_subfieldpolitical_economy*Please note that you must enter the Gov 94 lottery by 5pm on Tuesday, April 8 to enroll in this class: <https://www.gov.harvard.edu/undergraduate/academics/concentration-requirements/gov-94-seminars/>. The lottery form will be active on April 2. Priority will be given to Government concentrators (including rising sophomores who intend to concentrate in Government).

FAS Divisional Distribution: Social Sciences

GOV 94CT

The Governance and International Politics of World Regions

W 0300 PM - 0500 PM

Timothy Colton

Course ID: 207723

2026 Spring (4 Credits)

Instructor Permission Required

This class investigates patterns of interaction, integration, and identity construction in contemporary world regions; political, economic, and cultural explanations for why outcomes vary across regions; and regions as competitive arenas and proving grounds for established and rising powers. In addition to general and theoretical questions, the course will consider the experience of specific regions, including Europe, Southeast Asia, South Asia, the Middle East, South America, the Caribbean, and post-Soviet Eurasia

comparative_subfield

FAS Divisional Distribution: Social Sciences

GOV 94DC

Democracy in Crisis in Latin America

T 0945 AM - 1145 AM

Frances Hagopian

Course ID: 220114

2025 Fall (4 Credits)

Instructor Permission Required

Not in decades have so many aspiring autocrats come so close to power in Latin America. Parties that have governed democracies for decades are losing popular support, institutions that check presidents are under attack, and ordinary people are protesting what they perceive are failed policies and exclusionary democratic rules. This course asks why democracy is in crisis. It examines common themes – ethnic, racial, and class divisions; distributive policies; the role of media and social movements in political polarization, and the resilience of democratic institutions – in countries that are no longer democracies, those in peril, and those that remain relatively stable.

*comparative_subfield*Please note that you must enter the Gov 94 lottery by 5pm on Tuesday, April 8 to enroll in this class: <https://www.gov.harvard.edu/undergraduate/academics/concentration-requirements/gov-94-seminars/>. The lottery form will be active on April 2. Priority will be given to Government concentrators (including rising sophomores who intend to concentrate in Government).

FAS Divisional Distribution: Social Sciences

GOV 94EM

Crime, Responsibility, and the Law

R 1245 PM - 0245 PM

Gabriel Katsh

Course ID: 213657

2026 Spring (4 Credits)

Instructor Permission Required

One of the central questions of any political system is how to respond to those who violate the legally enforced norms of behavior that make up the criminal law. In this seminar, we will consider the philosophical justifications that have been given for the operation of the criminal justice system and, in particular, for the practice of punishing offenders. We will focus on the contrasting ideologies of retributivism and consequentialism and how those systems address moral principles such as responsibility, agency, blame, and desert as well as more practical concerns such as deterrence and public safety. Readings will be drawn from a wide range of sources, primarily political theory and law, but also the philosophy of mind, sociology, history, and neuroscience.

theory_subfield public_policylaw_and_justice

FAS Divisional Distribution: Social Sciences

T 0945 AM - 1145 AM

*Instructor Permission Required**Dustin Tingley*

This course will analyze the design, implementation, and enforcement of global environment, climate, and sustainability policies. We will examine both historical cases as well as newly proposed policies. Throughout our focus will be on international policies involving multiple countries. However, insofar as countries enact domestic policies with significant international implications, we will also examine those. Students are expected to be active participants in our discussions given the seminar format.

*IR_subfieldpublic_policy*Cross-listed as ESPP 90-T. Please note that you must enter the Gov 94 lottery by 5pm on Tuesday, April 8 to enroll in this class: <https://www.gov.harvard.edu/undergraduate/academics/concentration-requirements/gov-94-seminars/>. The lottery form will be active on April 2. Priority will be given to Government concentrators (including rising sophomores who intend to concentrate in Government).

FAS Divisional Distribution: Social Sciences

*No meeting time listed**Instructor Permission Required*

European politics differs markedly from American politics, not only due to the fragmentation of Europe into a large number of national polities (each with complex historical legacies) and the emergence of a supra-national polity (the EU), but also because the very meaning of "Europe" is and has always been contested. This course introduces students to the heterogeneity of Europe as a political entity. Why Europe is home to different types of democracy, and how do history and social context shape this? Additionally, we focus on the process of Europeanization and its theoretical explanations. Why do states transfer sovereignty to the EU? What is the role of nation-states today in Europe? We conclude by discussing major challenges to European integration such as rising Euroscepticism and new geopolitical risks. At the end of the semester, students will also have a tool kit for a scientific analysis of European politics and the key challenges Europe is facing today.

Instructor: Michael Koß

M 0945 AM - 1145 AM

*Instructor Permission Required**Feyaad Allie*

This course examines India's democratic trajectory since independence. What is the state of India's democracy today? How has democratic governance in India expanded and contracted over time? What does political representation look like in India and how does it vary by identity groups? (How) do Indian voters hold politicians accountable? We will explore these questions, drawing primarily on academic articles and book chapters. Topics we will cover include elections, parties, institutions, voter behavior, and representation. The capstone assignment for the course will involve an individually written research paper delving into a key topic covered in the course.

*comparative_subfield*Please note that you must enter the Gov 94 lottery by 5pm on Tuesday, April 8 to enroll in this class: <https://www.gov.harvard.edu/undergraduate/academics/concentration-requirements/gov-94-seminars/>. The lottery form will be active on April 2. Priority will be given to Government concentrators (including rising sophomores who intend to concentrate in Government).

FAS Divisional Distribution: Social Sciences

W 0300 PM - 0500 PM

*Instructor Permission Required**Katrina Forrester*

This course will explore a range of political theories of protest and dissent that have emerged out of twentieth- and twenty-first century movements for liberation, democracy, and equality. We will examine the practices of resistance and forms of politics that have animated these movements, exploring their functions, justifications and role in modern politics. This will include discussion of tactics and strategies for social transformation like civil

disobedience, direct action, riots, strikes, and occupations, as well as broader questions posed by struggles over capitalism, colonialism, wars, and climate crisis—about organization, violence, repression, refusal, reform, and revolution.

*theory_subfieldlaw_and_justice*Please note that you must enter the Gov 94 lottery by 5pm on Tuesday, April 8 to enroll in this class: <https://www.gov.harvard.edu/undergraduate/academics/concentration-requirements/gov-94-seminars/>. The lottery form will be active on April 2. Priority will be given to Government concentrators (including rising sophomores who intend to concentrate in Government).

FAS Divisional Distribution: Social Sciences

GOV 94GD

Africa: Power and Politics

R 0945 AM - 1145 AM

Course ID: 218732
2025 Fall (4 Credits)

Instructor Permission Required

This course examines the countries of Africa in comparative perspective. Instead of merely focusing on the various problems facing the continent, this course looks at examples of both the successes and failures of African states in addressing the challenges they face. Through a combination of case studies, academic scholarship and journalism, the course analyzes the independent and colonial histories of African nations; explores the development of modern African states, societies and economies; and examines the impacts of current international influences on African states.

*comparative_subfield*Please note that you must enter the Gov 94 lottery by 5pm on Tuesday, April 8 to enroll in this class: <https://www.gov.harvard.edu/undergraduate/academics/concentration-requirements/gov-94-seminars/>. The lottery form will be active on April 2. Priority will be given to Government concentrators (including rising sophomores who intend to concentrate in Government).

FAS Divisional Distribution: Social Sciences

GOV 94GK

The Politics and Ethics of Health Care

R 1245 PM - 0245 PM

Gabriel Katsh

Course ID: 109731
2025 Fall (4 Credits)

Instructor Permission Required

This course looks at contemporary debates about health care, with a focus on the ways in which political theory can inform our understanding of its moral and political dimensions. Using case studies as a launching point, we will explore ideas about autonomy, paternalism, beneficence, and distributive justice, and their application to issues such as informed consent, medical privacy, the right to refuse care, and the distribution of scarce medical resources. The course also introduces students to key concepts in health policy, especially as they apply to the United States. Readings include classics of moral and political philosophy, writings by contemporary medical ethicists, Supreme Court decisions, and some empirical and historical studies.

*theory_subfieldpublic_policy*Please note that you must enter the Gov 94 lottery by 5pm on Tuesday, April 8 to enroll in this class: <https://www.gov.harvard.edu/undergraduate/academics/concentration-requirements/gov-94-seminars/>. The lottery form will be active on April 2. Priority will be given to Government concentrators (including rising sophomores who intend to concentrate in Government).

FAS Divisional Distribution: Social Sciences

GOV 94JE

Revolution!: Radicalism, Liberalism and Conservatism

T 0300 PM - 0500 PM

Jordan Ecker

Course ID: 224639
2025 Fall (4 Credits)

Instructor Permission Required

The American and French Revolutions posed fundamental challenges to the nature of political authority at the end of the 18th century. What makes government legitimate? Should government be remade according to a design? What should we do when a government appears to be illegitimate? What are the promises and peril of thinking of government, and society, as constructs that should be remade to accord with human reason? Students can expect to read texts by some of the most influential political theorists of the era: Paine, Burke, Smith, Marx, among others.

*theory_subfieldlaw_and_justice*Please note that you must enter the Gov 94 lottery by 5pm on Tuesday, April 8 to enroll in this class: <https://www.gov.harvard.edu/undergraduate/academics/concentration-requirements/gov-94-seminars/>. The lottery form will be active on April 2. Priority will be given to Government concentrators (including rising sophomores who intend to concentrate in Government).

GOV 94JO

Democracy and Development in Korea

W 0300 PM - 0500 PM

Course ID: 226236
2026 Spring (4 Credits)*Instructor Permission Required*

South Korea's experience in the last few decades is often cited as an example of democratic consolidation and economic development, especially in the context of East Asia, and often in comparison with its Northern counterpart. However, as showcased by the recent declaration of martial law by Yoon, democratic consolidation is an ongoing process that requires robust institutions and a vigilant civil society. This course will evaluate South Korea's unique path towards democratization and economic development but also discuss how the South Korean case can speak to bigger questions such as the ways in which democratic institutions promote development (and vice versa), and how domestic and international security threats interact with these two processes.

Instructor: Hojung Joocomparative_subfield

GOV 94JW

Democracy in Practice in the Global South

T 1245 PM - 0245 PM

*Julie Weaver*Course ID: 216772
2026 Spring (4 Credits)*Instructor Permission Required*

This seminar explores how democracies operate on the ground in low- and middle-income countries today. What is the reality of how democracy works in practice versus how it is conceived and designed? What are developing countries' major democratic challenges and successes? How does a country's income level impact, and in turn is impacted by, democratic participation? Main themes to be covered include overarching issues like representation, institutions and state strength, as well as more specific areas of democratic practice such as participatory democracy, civil society, corruption, and managing diversity.

comparative_subfield

FAS Divisional Distribution: Social Sciences

GOV 94LP

Nuclear Politics

W 0945 AM - 1145 AM

*Jack Huguley*Course ID: 221648
2026 Spring (4 Credits)*Instructor Permission Required*

Have nuclear weapons "revolutionized" international politics and global security? Why and how do states proliferate? How have leaders, states, and institutions historically grappled with the political and military impact of nuclear weapons, and what can that tell us about nuclear crises or diplomacy today? What are the major concerns for the future? This seminar introduces students to topics around nuclear proliferation and strategy, emphasizing academic and theoretical debates about the tools policymakers employ to prevent the spread or use of nuclear weapons at the state, regional, and global levels.

IR_subfieldpublic_policy

FAS Divisional Distribution: Social Sciences

GOV 94OA

Inequality and American Democracy

T 1245 PM - 0245 PM

*Theda Skocpol*Course ID: 125211
2026 Spring (4 Credits)*Instructor Permission Required*

The "rights revolutions" of the 1960s and 1970s removed barriers to full citizenship for African Americans, women, and other formerly marginalized groups. But inequalities of wealth and income have grown since the 1970s. How do changing social and economic inequalities influence American democracy? This seminar explores empirical research and normative debates about political participation, about government responsiveness to citizen preferences, and about the impact of public policies on social opportunity and citizen participation.

american_subfieldpublic_policypolitical_economy

GOV 94OF

Law and Politics in Multicultural Democracies

M 0300 PM - 0545 PM

Ofrit Liviatan

Course ID: 128009
2025 Fall (4 Credits)

Instructor Permission Required

Examines the role of law in the governance of cultural diversity drawing on examples from the USA, Western Europe, Canada, Northern Ireland, and Israel. Central themes at the intersection of law and politics will be explored, including: the impact of courts on rights protections, law's function as a venue of conflict resolution, and courts' relationship with other political institutions. Specific attention will be given to contemporary controversies such as religious symbols and abortion.

comparative_subfieldlaw_and_justice Please note that you must enter the Gov 94 lottery by 5pm on Tuesday, April 8 to enroll in this class: <https://www.gov.harvard.edu/undergraduate/academics/concentration-requirements/gov-94-seminars/>. The lottery form will be active on April 2. Priority will be given to Government concentrators (including rising sophomores who intend to concentrate in Government).

FAS Divisional Distribution: Social Sciences

GOV 94OL

Artificial Intelligence: Sociolegal Dilemmas and Policy Design

M 0300 PM - 0545 PM

Ofrit Liviatan

Course ID: 223115
2026 Spring (4 Credits)

Instructor Permission Required

An experiential investigation of the complexities artificial intelligence (AI) systems pose for social coexistence. Asking how should legal and policy design prepare for superintelligence, the seminar will contrast American and European approaches to regulating AI, assess the opportunities in international law to guide solutions around socio-technical dilemmas, and scrutinize the impact and implications of data-driven automation across three domains: the legal system, higher education and the nature of the work. students are expected to actively contribute to group projects and present individual research in class.

comparative_subfieldpublic_policylaw_and_justicetech_science

FAS Divisional Distribution: Social Sciences

GOV 94PE

Political Theory and the Economy

M 0300 PM - 0500 PM

Jordan Ecker

Course ID: 224696
2025 Fall (4 Credits)

Instructor Permission Required

We all know what politics is about: "it's the economy stupid." But what is the economy? From its origins in the conjunction of two Greek words, oikos (household) and nomos (custom, law), this course will take a whirlwind tour across the history of political and economic thought, from Aristotle to Smith to Marx to Keynes to Hayek, to see how changing notions of economics have constrained or expanded the horizon of politics. Are we appendages on an inhuman machine or free and happy utility maximizers?

theory_subfield Please note that you must enter the Gov 94 lottery by 5pm on Tuesday, April 8 to enroll in this class: <https://www.gov.harvard.edu/undergraduate/academics/concentration-requirements/gov-94-seminars/>. The lottery form will be active on April 2. Priority will be given to Government concentrators (including rising sophomores who intend to concentrate in Government).

FAS Divisional Distribution: Social Sciences

GOV 94RC

Race in Comparative Perspective

W 0945 AM - 1145 AM

Course ID: 218734
2025 Fall (4 Credits)

Instructor Permission Required

The predominant western conception of race is a relatively recent idea formed in the context of European imperialism, trade, exploration and slave trading and developed by many of the most important Enlightenment figures of the 17th and 18th centuries. This course explores various analogues to "race" that developed in other civilizations; focuses on the context and thinkers that were key to the European development of race and racism

in the modern era; and examines the variations in "race" that developed in contexts including the United States, Brazil, South Africa and the colonial empires of Spain, Britain and France.

comparative_subfieldPlease note that you must enter the Gov 94 lottery by 5pm on Tuesday, April 8 to enroll in this class: <https://www.gov.harvard.edu/undergraduate/academics/concentration-requirements/gov-94-seminars/>. The lottery form will be active on April 2. Priority will be given to Government concentrators (including rising sophomores who intend to concentrate in Government).

FAS Divisional Distribution: Social Sciences

GOV 94SAF

E&L Safra Undergraduate Ethics Fellowship Seminar

W 1200 PM - 0245 PM

Arthur Applbaum

Course ID: 109942
2026 Spring (4 Credits)

Instructor Permission Required

Topics in moral philosophy and political theory that illuminate normative issues in public and professional life. Prepares undergraduate fellows across the social sciences, natural sciences, and the humanities to pursue research on normative questions.

Course Note: Limited to and required of undergraduate fellows in the Center for Ethics. theory_subfieldRequired of and limited to participants in the Safra Center Undergraduate Fellowship Program.

FAS Divisional Distribution: Social Sciences

GOV 94SE

Major Paradigms in International Relations Theory

M 1245 PM - 0245 PM

Ipek Sener

Course ID: 226330
2026 Spring (4 Credits)

Instructor Permission Required

This course provides students with a foundation in international relations theory by examining its evolution as a discipline, key theoretical approaches, and contemporary debates. Through a critical engagement with major paradigms—realism, neorealism, liberalism, neoliberal institutionalism, constructivism, and perspectives from the Global South—students will explore the strengths and limitations of each framework in explaining global political dynamics. The course will also investigate emerging critiques, including gender and race in IR, in shaping international outcomes. By analyzing both classical and contemporary scholarship, students will develop theoretical skills necessary for conducting research in international relations and contributing to ongoing academic and policy debates. Students will take turns leading class discussions each week. Over the semester, students will also develop a research paper, submitting a research question by Week 4, a literature review by Week 7, and an analysis section by Week 10. In the last week of classes, final papers will be submitted, and students will read and provide feedback on each other's work, encouraging constructive critique.

IR_subfield

GOV 94SN

Media and Politics

T 1245 PM - 0245 PM

James Snyder

Course ID: 218270
2025 Fall (4 Credits)

Instructor Permission Required

In this course students will explore the role that mass media has played in U.S. politics, focusing on newspapers. Students will conduct quantitative analyses using text extracted from on-line newspaper archives, to address questions such as: How biased are newspapers and in what ways are they biased? Has this changed over time? Has news coverage of politics become increasingly focused on the national government, at the expense of state and local politics? How did radio, television and the internet affect newspaper behavior? Has newspaper coverage become increasingly "soft" or personalistic over time? Do these changes affect accountability?

american_subfieldPlease note that you must enter the Gov 94 lottery by 5pm on Tuesday, April 8 to enroll in this class: <https://www.gov.harvard.edu/undergraduate/academics/concentration-requirements/gov-94-seminars/>. The lottery form will be active on April 2. Priority will be given to Government concentrators (including rising sophomores who intend to concentrate in Government).

FAS Divisional Distribution: Social Sciences

GOV 94TR

The Politics of Economic Inequality

R 0945 AM - 1145 AM

Thomas Remington

Course ID: 216213

2026 Spring (4 Credits)

Instructor Permission Required

This seminar investigates the political factors contributing to rising economic inequality in the United States, other developed democracies, transition countries, and globally. The first half will focus primarily on the United States and the second half will examine inequality in comparative and global perspective. We will review the major theories of inequality and examine the consequences of economic inequality for political equality, social mobility, and the differential impact of the COVID-19 pandemic. Throughout, we will relate political to economic factors that drive economic inequality, identifying commonalities and differences across countries.

comparative_subfieldpolitical_economy

FAS Divisional Distribution: Social Sciences

GOV 94TW

Housing Policy and Urbanization in the United States

M 0600 PM - 0800 PM

Course ID: 222843

2026 Spring (4 Credits)

Instructor Permission Required

This course examines housing policy and its role in shaping the sociopolitical urban landscape in the United States. It is intended to provide those with an interest in urban politics and policy with a broad background on housing's importance for the political lives of individuals, neighborhoods, and metropolitan areas; the evolution of housing policy over time; the role of political organizing and mobilization around housing; and the challenges facing housing policy today, as well as policymakers' responses to those challenges.

Instructor: Shanna Weitzamerican_subfieldpublic_policy

FAS Divisional Distribution: Social Sciences

GOV 95

Safra Undergraduate Ethics Fellowship Workshop

R 1200 PM - 0115 PM

Eric Beerbohm

Course ID: 223109

2025 Fall (2 Credits)

Instructor Permission Required

Students will present thesis research that bears on normative issues in public and professional life. Prepares undergraduate fellows across the social sciences, natural sciences, and the humanities to pursue research on normative questions.

Course Note: Limited to and required of undergraduate fellows in the Center for Ethics.

Required of and limited to participants in the Safra Center Undergraduate Fellowship Program.

FAS Divisional Distribution: None

GOV 97 (D001)

Tutorial - Sophomore Year

Course ID: 113504

2026 Spring (4 Credits)

The Government Sophomore Tutorial takes an innovative approach to introducing sophomores to research in political science. Students will choose a section in a topic of interest while building on a common curriculum of learning how to research and write a research paper. In addition, writing workshops and sessions on learning research methods will be held throughout the semester.

FAS Divisional Distribution: Social Sciences

GOV 97 (D002)

Tutorial - Sophomore Year

Course ID: 113504

2026 Spring (4 Credits)

The Government Sophomore Tutorial takes an innovative approach to introducing sophomores to research in

political science. Students will choose a section in a topic of interest while building on a common curriculum of learning how to research and write a research paper. In addition, writing workshops and sessions on learning research methods will be held throughout the semester.

FAS Divisional Distribution: Social Sciences

GOV 97 (D003)

Tutorial - Sophomore Year

Course ID: 113504
2026 Spring (4 Credits)

The Government Sophomore Tutorial takes an innovative approach to introducing sophomores to research in political science. Students will choose a section in a topic of interest while building on a common curriculum of learning how to research and write a research paper. In addition, writing workshops and sessions on learning research methods will be held throughout the semester.

FAS Divisional Distribution: Social Sciences

GOV 97 (D004)

Tutorial - Sophomore Year

Course ID: 113504
2026 Spring (4 Credits)

The Government Sophomore Tutorial takes an innovative approach to introducing sophomores to research in political science. Students will choose a section in a topic of interest while building on a common curriculum of learning how to research and write a research paper. In addition, writing workshops and sessions on learning research methods will be held throughout the semester.

FAS Divisional Distribution: Social Sciences

GOV 97 (D005)

Tutorial - Sophomore Year

Course ID: 113504
2026 Spring (4 Credits)

The Government Sophomore Tutorial takes an innovative approach to introducing sophomores to research in political science. Students will choose a section in a topic of interest while building on a common curriculum of learning how to research and write a research paper. In addition, writing workshops and sessions on learning research methods will be held throughout the semester.

FAS Divisional Distribution: Social Sciences

GOV 97 (D006)

Tutorial - Sophomore Year

Course ID: 113504
2026 Spring (4 Credits)

The Government Sophomore Tutorial takes an innovative approach to introducing sophomores to research in political science. Students will choose a section in a topic of interest while building on a common curriculum of learning how to research and write a research paper. In addition, writing workshops and sessions on learning research methods will be held throughout the semester.

FAS Divisional Distribution: Social Sciences

The Government Sophomore Tutorial takes an innovative approach to introducing sophomores to research in political science. Students will choose a section in a topic of interest while building on a common curriculum of learning how to research and write a research paper. In addition, writing workshops and sessions on learning research methods will be held throughout the semester.

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FAS Divisional Distribution: Social Sciences

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FAS Divisional Distribution: Social Sciences

This course offers senior Government concentrators the opportunity to develop a capstone project centered on practical, real-world policy analysis. Class meetings guide students through key stages of policy development, including proposal writing, stakeholder analysis, and research methods. Peer review and formal presentations will help students hone their analytical and communication skills. By the end of the course, students will produce actionable policy analysis with real-world applications.

GOV 99R

Tutorial - Senior Year

No meeting time listed

Sergio Imparato

Course ID: 113319

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Taken as two half courses by those who have elected the honors program and in order to write their senior theses.

Required of and limited to seniors writing honors theses.

Two half courses of Government 94.

FAS Divisional Distribution: Social Sciences

GOV 99R

Tutorial - Senior Year

No meeting time listed

Sergio Imparato

Course ID: 113319

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Taken as two half courses by those who have elected the honors program and in order to write their senior theses.

Required of and limited to seniors writing honors theses.

Two half courses of Government 94.

FAS Divisional Distribution: Social Sciences

GOV 1004

Political Economy

TR 1030 AM - 1145 AM

Peter Buisseret

Course ID: 121724

2026 Spring (4 Credits)

This class is an introduction to political economy. We study how individuals and groups pursue their goals in a variety of political contexts, and how their strategic interactions give rise to social dilemmas. We apply our theoretical tools to real-world political competition and policymaking. Topics include the size of the state, political polarization, electoral accountability, and the persistence of inefficient policy.

political_economy

FAS Divisional Distribution: Social Sciences

GOV 1008

Introduction to Geographic Information Systems

T 1200 PM - 0200 PM

Kanglin Chen

Course ID: 122850

2025 Fall (4 Credits)

This courses teaches the use of Geographic Information Systems (GIS), a collection of hardware and software tools that allow users to visualize and analyze geographic data in its spatial configuration. Students will learn the theory of geospatial analysis alongside practical methods for acquiring, manipulating, displaying, and analyzing cartographic data.

Course Note: No prerequisites.

data_science This course requires students to choose timed sections during registration.

FAS Divisional Distribution: Social Sciences

GOV 1009

Advanced Geographical Information Systems Workshop

Course ID: 122852

2026 Spring (4 Credits)

M 1200 PM - 0245 PM

Kanglin Chen

This course is a workshop for students who have taken the introductory Geographic Information Systems course and want to explore detailed applications.

data_science

FAS Divisional Distribution: Social Sciences

GOV 1010

Survey Research Methods

TR 0130 PM - 0245 PM

Chase Harrison

This course introduces students to the theoretical underpinnings and practical challenges of survey research, designed to help students better understand, interpret and critically evaluate surveys and public opinion polls.

FAS Divisional Distribution: Social Sciences

Quantitative Reasoning with Data: Yes

Course ID: 119479

2026 Spring (4 Credits)

GOV 1011

Survey Research Practicum

T 1200 PM - 0245 PM

Chase Harrison

The practical application of key principles in the field of survey research will be the focus of this course. Students will be provided with hands-on opportunities in all phases of the research process, culminating in an actionable research plan.

FAS Divisional Distribution: Social Sciences

Course ID: 122853

2025 Fall (4 Credits)

GOV 1013

GIS Analysis of Hazard Vulnerability

R 0300 PM - 0500 PM

Kanglin Chen

Students will learn fundamental concepts and widely-used methodologies for assessing hazard, social vulnerability, and community resilience using geospatial analysis techniques. The course covers topics such as natural hazards, COVID-19, and multi-hazard analysis. Students will benefit from assignments primarily using ArcGIS Pro. The course goes beyond a simple hazard-by-hazard approach and integrates perspectives from the physical and social sciences to identify and describe risk and vulnerability using real-world data and examples. This course provides critical training for students interested in hazard geography, GIS, urban planning, emergency management, and related fields. Prerequisites include a basic knowledge of and hands-on experience with GIS.

data_science

FAS Divisional Distribution: Social Sciences

Course ID: 156107

2026 Spring (4 Credits)

GOV 1015

Strategic Models of Politics

MW 1030 AM - 1145 AM

Sarah Hummel

This class explores the use of strategic models in the field of political science. Students learn basic game theoretic tools, from individual choice through normal form games and beyond. The class explores applications of these models in contemporary political science research on topics ranging from international cooperation to interest group lobbying.

political_economy This course requires students to choose timed sections during registration.

Course ID: 216089

2025 Fall (4 Credits)

GOV 1022

Community Based Survey Research

M 1245 PM - 0245 PM

Chase Harrison

Course ID: 216451

2025 Fall (4 Credits)

Instructor Permission Required

Surveys are used by a variety of community and government organizations to gather information and answer policy questions. This practicum will provide students with the opportunity to develop their knowledge of survey research by designing and conducting an original survey for an actual client based in the community. Students will learn how to listen to, understand, and evaluate organizational needs and goals, how to translate those goals into an effective survey research design, how to develop, design, and pilot a survey to provide actionable data to improve social processes or answer useful questions.

Prerequisite: GOV 1010, or an introductory course in social science research methodology, or previous experience working with surveys or survey data.

FAS Divisional Distribution: Social Sciences

GOV 1041

Justice by Means of Democracy

MW 0300 PM - 0415 PM

Danielle Allen

Course ID: 220129

2026 Spring (4 Credits)

Instructor Permission Required

For much of the 20th century John Rawls' Theory of Justice has provided a normative framework for much policy-making in the U.S. and elsewhere. In this course, students explore an alternative theory of justice that places greater emphasis on democracy, and look at concrete examples of the application of this alternative policy-making framework to concrete domains like housing, good jobs and the economy, education, and climate. The course helps highlight the tight connection between underlying philosophical and ethical frameworks and policy-making methodologies, helps students understand reigning policy-making paradigms, and invites students to consider alternatives that are more powerfully supportive of democracy and inclusive empowerment.

theory_subfieldpublic_policylaw_and_justice

FAS Divisional Distribution: Social Sciences

GOV 1060

Ancient and Medieval Political Philosophy

MW 1030 AM - 1145 AM

Danielle Allen

Course ID: 114754

2025 Fall (4 Credits)

This course serves as an introduction to ancient political thought. Rather than being a broad survey, this course will offer an alternative to the distracted media universe of our current age by building habits of sustained attention trained on a few key texts of ancient political thought: Plato's Republic and Aristotle's Ethics and Politics. Political philosophy began with the questions "How should I live?" "How should we live?" This course seeks to bring those questions to life in our current age, to unfold the deep and rich answers offered to these questions by ancient philosophers, to offer some comparative exposure to ancient Near Eastern, Chinese, Jewish, and Islamic political thought, and to show the connections between ancient and contemporary debates.

theory_subfieldlaw_and_justice Enrollment limited to undergraduate students. Graduate students should enroll in Gov 2060.

FAS Divisional Distribution: Social Sciences

GOV 1061

The History of Modern Political Philosophy

TR 1200 PM - 0115 PM

Shterna Friedman

Course ID: 115014

2026 Spring (4 Credits)

Political philosophy from Machiavelli to Nietzsche, with attention to the rise and complex history of the idea of modernity.

theory_subfieldlaw_and_justice

 GOV 1062
Continental Political Theory

TR 1030 AM - 1145 AM

Shterna Friedman

This course focuses on core texts in twentieth century continental political theory. These include works by Hannah Arendt, Michel Foucault, Max Weber, and Carl Schmitt. We will examine the foundations, promises, and challenges of modern politics. Themes include the nature, sources, and effects of democracy, liberalism, rights, freedom, equality, justice, law, authority, legitimacy, sovereignty, power, war, violence, and revolution. We will be raising a number of questions, among them: What is modern about contemporary politics? What is political about modern life? Political as opposed to what? Does politics need a foundation? Is politics theology by another name? War by another name? Does politics require justice? Freedom? Power? Violence? Should we evaluate political action by its values, aims, instruments, or results? What do we want from politics? What can and should we want? Are the promises and dangers of political action inextricable? What are the boundaries, if any, between social and political life? How is sociopolitical change possible? What explains the political catastrophes of the 20th century? When are political disasters avoidable and when are they tragic? What kind of subject is produced by modern politics? What kind of subject produces politics? To what extent is the sociopolitical world a product of our own making? What are the limits, if any, to political self-fashioning?

theory_subfield

FAS Divisional Distribution: Social Sciences

 Course ID: 226157
 2025 Fall (4 Credits)

 GOV 1074
Political Thought of the American Founding

TR 1200 PM - 0115 PM

Eric Nelson

John Adams observed that the American Revolution took place, not on the battlefield, but rather "in the minds of the people...before a drop of blood was shed at Lexington." This course will examine the political debates leading to American independence, and, later to the ratification of the Federal Constitution. Famous works of the period, such as Paine's *Common Sense* and *The Federalist*, will be placed in the wider context of American political writing from 1763 to 1789.

*Course Note: theory_subfield
theory_subfieldlaw_and_justice*

FAS Divisional Distribution: Social Sciences

 Course ID: 156108
 2025 Fall (4 Credits)

 GOV 1090
Biotech Ethics

TR 1030 AM - 1145 AM

Sergio Imparato

This course explores the ethical challenges posed by technological advancements in healthcare, medicine, and biotechnology, emphasizing their influence on both individual and societal decision-making. The class is structured into four parts. In the first part, we introduce key ethical theories and principles, then examine how they apply to dilemmas in biotechnology and healthcare. The second and third sections provide an in-depth analysis of case studies, where students investigate real-world ethical quandaries faced by major biomedical companies and research institutions. These case studies highlight the effects of emerging technologies and medical innovations on public health, individual rights, and social justice. In the final part of the course, students collaborate to develop ethical frameworks designed to guide decision-making in real-world biotech and healthcare policy scenarios.

theory_subfieldlaw_and_justice

 Course ID: 225825
 2026 Spring (4 Credits)

 GOV 1135
Politics of Development in Africa

TR 0130 PM - 0245 PM

Pia Raffler

 Course ID: 216132
 2025 Fall (4 Credits)

This course is an introduction to the politics and political economy of development in modern Sub-Saharan Africa. Topics include the legacies of colonial rule, state formation, state failure and conflict, democratization and democratic erosion, corruption and political accountability, and the role of foreign aid. Readings draw from comparative politics, political economy, history, geography, and development economics. The course puts an emphasis on research design and evaluating causal claims.

comparative_subfieldpolitical_economy

FAS Divisional Distribution: Social Sciences

GOV 1146

Elections, Parties, and Representation in the Developing World

MW 0130 PM - 0245 PM

Feyaad Allie

This course sits at the intersection of political institutions and behavior and examines the dynamics of elections, representation, and political parties in the developing world. We will study questions such as: How do politicians distribute resources and promises to win over voters? When and why do citizens engage in ethnic voting? What is the value of descriptive representation in electoral politics? What factors influence the formation, success, and longevity of political parties? Students will engage with academic research which makes theoretical arguments and uses quantitative and qualitative methods to answer these questions in the context of developing countries.

comparative_subfield

FAS Divisional Distribution: Social Sciences

GOV 1148

Civil Society, West and East

R 0300 PM - 0500 PM

Grzegorz Ekiert

Focusing in particular on European and Asian settings, the course examines debates over what civil society is, notions of public space and social capital, and the role of civil society in political transitions.

comparative_subfield

GOV 1171

The Making of Modern Politics

TR 1030 AM - 1145 AM

Peter Hall

How are democracies created and why do they collapse? What causes revolution? What were the consequences of the industrial revolution? What roles do ideas, institutions and interests play in processes of political change? This course examines the long-term historical developments behind the creation of modern politics. Focusing on Britain, France, Germany and Italy from the 1600s to the 2000s, it explores the lessons Europe offers for the development of democracy.

comparative_subfieldpolitical_economy This course requires students to choose timed sections during registration.

FAS Divisional Distribution: Social Sciences

GOV 1192

Democracy, Diversity, and Development in South Asia

MW 0430 PM - 0545 PM

Mashail Malik

This course explores major political and economic developments in South Asia, with a special focus on India and Pakistan. Since the partition and independence of British India in 1947, these two nations have followed divergent trajectories while grappling with shared challenges. India is famously known as the world's largest democracy — even as some worry about contemporary democratic backsliding — while Pakistan has alternated between military and civilian governments since its inception. Religion and ethnic diversity have profoundly shaped the political and social landscapes of both nations. Through the lens of nearly eight decades of post-

colonial politics, this course introduces students to various social scientific theories concerned with the interplay of democracy, diversity, and development. Drawing on interdisciplinary materials from the social sciences, alongside journalistic non-fiction and fiction, students will engage critically with the historical and contemporary dynamics that define South Asia.

comparative_subfield

GOV 1203

Capitalism and Democracy in Central and Eastern Europe

MW 1030 AM - 1145 AM

Grzegorz Ekiert

This course examines critical periods in Central and East European history and politics: the emergence and experiences of newly restored independent states in the aftermath of the First World War, the devastations of the Second World War and subsequent imposition of communist regimes, their evolution and their rapid and largely unanticipated collapse in 1989, subsequent transitions to democracy and a market economy, the accession to the European Union and the recent slowdown in economic reforms, democratic backsliding, and the largely unexpected authoritarian turn in some of the new EU member states.

comparative_subfield

FAS Divisional Distribution: Social Sciences

GOV 1248

Gender and Politics

MW 0130 PM - 0245 PM

Sarah Hummel

How do the political experiences of women differ from those of men? The course draws on empirical studies of gender in contemporary political science research to answer this question. The first half focuses on the barriers women continue to face when running for political office, while the second half focuses on the experiences of female politicians after they take office. Throughout, it grapples with the implications for ongoing and future efforts to achieve gender equality in politics.

comparative_subfield

GOV 1249

Authoritarianism

MW 0130 PM - 0245 PM

Sarah Hummel

This class identifies similarities and differences among authoritarian regimes. The first half identifies the tools authoritarian leaders use to stay in power, and the second half examines the biggest threats to the stability of authoritarian regimes. Students have the opportunity to explore one authoritarian regime in greater detail as part of a semester long research project.

comparative_subfield This course requires students to choose timed sections during registration.

FAS Divisional Distribution: Social Sciences

GOV 1295

Comparative Politics in Latin America

TR 0130 PM - 0245 PM

Steven Levitsky

Examines dynamics of political and economic changes in modern Latin America, focusing on Argentina, Brazil, Chile, Cuba, Mexico and Venezuela. Topics include the rise of populism and import-substituting industrialization, revolutions and revolutionary movements, the causes and consequences of military rule, the politics of economic reform, democratic transitions, and democratic consolidation. The course analyzes these phenomena from a variety of different theoretical perspectives, including cultural, dependency, institutionalist, and leadership-centered approaches.

Course Note: Course is open to graduate students with instructor permission.

GOV 1314

Race in American Society

MW 1030 AM - 1145 AM

Marcel Roman

This course will teach prospective students on how race structures American politics. The course will briefly chart the history of anti-Black chattel slavery and the colonization, displacement, and removal of indigenous populations in the pre-independence period. Then, we will briefly examine the role race played and continues to play in the development of the United States' founding political institutions. We will then survey how race and racism historically shaped American political behavior, touching on the American Civil War, the Age of Mass Migration, the Depression and the World Wars. Finally, we will thoroughly investigate the role of race in post-World War II American politics, touching on the Cold War, the Black Rights movement, the post-1965 immigration wave, the conservative backlash to Black Rights, Clinton's triangulation, the rise of Barack Obama, the rise of Donald Trump, and thinking through the future (and sustainability) of the United States' increasingly ethno-racially diverse democracy. This class will explicitly focus on the political behavior of non-dominant ethno-racial groups to garner an exhaustive understanding of American politics and democracy.

american_subfield

Course ID: 226150
2026 Spring (4 Credits)

GOV 1368

The Politics of American Education

TR 1030 AM - 1145 AM

Paul Peterson

This course examines historical and contemporary forces shaping American K-12 education policy. It also reviews research and commentary on contemporary issues: class size, fiscal policy, teacher recruitment, compensation and tenure, accountability, school vouchers, charter schools and digital learning.

american_subfield This course requires students to choose timed sections during registration.

FAS Divisional Distribution: Social Sciences

Course ID: 121728
2025 Fall (4 Credits)

Instructor Permission Required

GOV 1372

Political Psychology

MW 0130 PM - 0245 PM

Ryan Enos

This data-driven course seeks to understand how psychology shapes mass political behavior. The course will cover a range of substantive topics, from voting to violence, and will always ask: why do people think and behave as they do? The course will also explore the science behind political psychology: students will work with data --- both existing data and data generated by the class --- to explore the science behind research claims and to extend existing findings. There are no pre-requisites for the course, but students who have some experience working with data may find it easier to get started. Students on the Gov Data Science Track can receive credit for this course if they fulfill specific requirements.

american_subfield data_science This course requires students to choose timed sections during registration.

FAS Divisional Distribution: Social Sciences

Course ID: 126926
2025 Fall (4 Credits)

GOV 1540

The American Presidency

No meeting time listed

Roger Porter

This course analyzes the development and modern practice of presidential leadership in the United States by: (1) examining the evolution of the modern presidency, the process of presidential selection, and the structure of the presidency as an institution; (2) considering the ways in which presidents make decisions and seek to shape foreign, economic, and domestic policy; and (3) exploring the relationship of the presidency with other major

Course ID: 114432
2025 Fall (4 Credits)

government institutions, organized interest groups, the press, and the public. Its primary concern is with the political resources and constraints influencing the president's ability to provide leadership in the U.S. political system.

Course Note: Offered jointly with the Kennedy School as DPI-115.

*american_subfield*Jointly offered with DPI 115. Enrollment for this course follows the HKS course-registration calendar. Course meeting time will be available in early summer.

FAS Divisional Distribution: Social Sciences

GOV 1705

The Politics of War and Peace in the Middle East

MW 1200 PM - 0115 PM

Ipek Sener

The purpose of this course is to equip the students with the historical, theoretical and empirical knowledge to better understand the Middle East, its culture and politics. It will address a set of enduring issues in Middle East international relations such as the Arab Spring, the evolving US role in the region, the Arab-Israeli conflict, the challenge of Iran, the war in Iraq, and political Islam.

*IR_subfield*This course requires students to choose timed sections during registration.

FAS Divisional Distribution: Social Sciences

GOV 1722

Politics of the Environment and Climate Change

TR 1030 AM - 1145 AM

Stephen Ansolabehere

Climate change has evolved over the past four decades into one of the most pressing challenges to the sustainable development of human societies. This course takes a realistic look at the effects of climate change and of climate change policies, at local, national, and international levels. How will climate change affect water resources, food supplies, and conflict? How will policies affect fossil-fuel dependent economies? How are people, companies, and governments responding? Climate politics reflect well-established environmental and economic perspectives, but also raise new, unique issues.

american_subfieldpublic_policy

FAS Divisional Distribution: Social Sciences

GOV 1736

Rethinking Nuclear Deterrence

No meeting time listed

Matthew Bunn

Course ID: 226607

2025 Fall (4 Credits)

Instructor Permission Required

The states that possess nuclear weapons – and other states that rely on their security guarantees -- see them as essential to their security. At the same time, nuclear deterrence comes with the ever-present risk of devastating failure, posing an existential risk to much of human civilization. This course will explore a range of views (including those of different countries) on the role of nuclear deterrence in international affairs today and in the future, in the context of events including Russia's war on Ukraine and nuclear saber-rattling, China's rapid nuclear buildup, North Korea's near-constant missile testing and nuclear threats, Iran's expanding ability to produce nuclear weapons material should it ever choose to do so, increasing alignment of all four of those countries, an ongoing nuclear arms competition between India and Pakistan, and more. What capabilities and what evidence of commitment are necessary for deterrence to be credible and effective? What challenges to a state's interests can nuclear weapons play a role in deterring? What steps might do the most to reduce the risk of nuclear conflict, ranging from strengthened deterrence through foreign policy actions to accords on nuclear restraint or risk reduction? There is a need for rethinking these questions as the nuclear world is becoming more multipolar, hostility between nuclear-armed states is at a fever pitch, U.S. actions and statements are leading allies (and adversaries) to question U.S. commitments to defend its allies, and new technologies from hypersonic missiles to cyberweapons and artificial intelligence are making both conventional and nuclear balances more complex and potentially more dangerous. This class will explore different concepts for managing nuclear balances and reducing their dangers; approaches to nuclear strategy and force posture; prospects for nuclear arms restraint; and ideas about what a world that no longer relied on nuclear deterrence might look like.

The course will confront students with real-world and hypothetical policy dilemmas, training them in risk-informed thinking about managing these issues, through case studies, policy memos, and negotiating or crisis simulations. The course will equip students with concepts and tools for careers managing nuclear deterrence

policies.

GOV 1737
**Evaluating the Impacts of Public Policies: How to Design and Implement
Randomized Controlled Trials**

Course ID: 218749
2026 Spring (4 Credits)

TR 0130 PM - 0245 PM

Michael Hiscox

In a randomized controlled trial, a policy intervention or program participation is allocated among study subjects by random assignment, then differences in subsequent outcomes (e.g., health, academic performance, income) are compared across the groups. Such trials have become a favored method for empirical research across the social sciences in recent years and the methodology has also altered the way governments approach development, health, welfare, and education policies. The aim of the course is to provide students with training in how to design and implement randomized controlled trials to evaluate policies and programs. We will discuss working with government and non-government partners, ethics, sampling, the use of online and digital platforms, and the analysis and interpretation of results.

IR_subfieldpublic_policy

FAS Divisional Distribution: Social Sciences

GOV 1759
Behavioral Insights and Public Policy: Nudging for Good

Course ID: 204958
2026 Spring (4 Credits)

MW 1200 PM - 0115 PM

Michael Hiscox

Behavioral economics focuses on the ways in which our individual actions, rather than resulting from rational self-interested decisions, reflect a variety of biases, habits, emotions, and considerations about others. Many governments have created behavioral insights teams to apply these insights to rethink traditional approaches to policy. We will examine recent research and applications in areas including healthcare, crime, discrimination, retirement savings, consumer credit, environmental conservation, welfare, employment, education, taxation, and foreign aid.

IR_subfieldpublic_policypolitical_economy

FAS Divisional Distribution: Social Sciences

GOV 1783
Central Asia in Global Politics

Course ID: 207984
2025 Fall (4 Credits)

TR 1030 AM - 1145 AM

Nargis Kassenova

The course is designed as an in-depth study of the place of Central Asia in Eurasian and global politics, and the policies of key external actors, such as Russia, the United States, China, the European Union, Turkey, Iran, Japan, South Korea and India, toward the region. Students are familiarized with the ways Central Asia has been contextualized both in scholarly sources and media. We will dwell on the changing geopolitical dynamics of the region and analyze how developments there are intertwined with bigger contexts and stories, including nuclear non-proliferation and state-building, political Islam and democracy promotion, energy markets and climate change, the war in Ukraine and diversification of licit and illicit trade flows. We will define similarities and differences in the foreign policies of Central Asian states and discuss the future prospects of the region.

IR_subfield

FAS Divisional Distribution: Social Sciences

GOV 1796
Central Challenges of American National Security, Strategy, and the Press

Course ID: 113210
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Graham Allison, Derek Reveron, David Sanger

From the rise of China and resurgence of Russia, to the ongoing war in Ukraine, and North Korea and Iran's advancing nuclear weapons programs, challenges in the Middle East, Central Asia, East Africa, and emergence

of cyber conflict, this course examines the central challenges to American national security. Through a series of cases, students address these issues as if they were professionals at the National Security Council working for the President or an assistant to the Secretary of State or Defense. In response to specific assignments, students write Strategic Options Memos that require analyzing the challenge, assessing the current strategy, and identifying alternative strategies for protecting and advancing national interests. Assignments require strategic thinking: analyzing dynamics of issues, formulating key judgments, and developing feasible strategies. In the real world of Washington today, this means thinking clearly about what the US is attempting to achieve in the world in the midst of a swirl of a government whose deliberations are often discombobulated by leaks, press reports, tweets, and fake news. A sub-theme of the course explores ways in which pervasive press coverage intrudes, sometimes informing, sometimes distorting, national security decision making. In addition, the course will include several related side bars where we will discuss Applied History, "behind the veil" at a major newspaper, strategy (as taught at the Naval War College), intelligence analysis, and basic numeracy. This course is open by instructor consent. Students interested in taking the course should complete and submit the online application form. Please email Arissa Shang (arissa_shang@hks.harvard.edu) with any questions. Completed applications are due by 12:00PM on Wednesday, September 3.

IR_subfieldpublic_policy Jointly offered with the Harvard Kennedy School as IGA-211. Enrollment for this course follows the HKS course-registration calendar. Course meeting time and information about the application process will be available in early summer.

FAS Divisional Distribution: Social Sciences

GOV 2001

Quantitative Social Science Methods I

MW 0130 PM - 0245 PM

Anthony Cunningham

This course provides a rigorous foundation necessary for the rest of the sequence. After reviewing the basic probability theory, we offer a systematic introduction to the linear model and its variants -- the workhorse models for social scientists. We cover the classic linear regression model, least squares estimation and projection, fixed and random effects models, principal components analysis, instrumental variables, flexible regression models, and regularization for high dimensional data. In covering these topics, we deepen our knowledge of fundamental concepts in statistical inference while also demonstrating how these methods are applied in political science.

Course Note: Prerequisite: Gov 51 or the equivalent. Gov 2020 is highly recommended before taking Gov2001. Instructor: Scott Cunningham

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: Social Sciences

Course ID: 124780
2026 Spring (4 Credits)

GOV 2002

Causal Inference with Applications

MW 0300 PM - 0415 PM

Kosuke Imai

Substantive questions in empirical scientific and policy research are often causal. Does voter outreach increase turnout? Are job training programs effective? Can a universal health insurance program improve people's health? This class will introduce students to both statistical theory and practice of causal inference. As theoretical frameworks, we will discuss potential outcomes, causal graphs, randomization and model-based inference, sensitivity analysis, and partial identification. We will also cover various methodological tools including randomized experiments, regression discontinuity designs, matching, regression, instrumental variables, difference-in-differences, and dynamic causal models. The course will draw upon examples from political science, economics, education, public health, and other disciplines.

This course is cross-listed with STAT 286 and requires students to choose timed sections during registration.

Basic probability and statistical inference, familiarity with R.

Requires: Prerequisite: Gov 2001 or the permission of the instructor.

FAS Divisional Distribution: Social Sciences

Course ID: 111530
2025 Fall (4 Credits)

GOV 2003

Quantitative Social Science Methods, II

MW 0300 PM - 0415 PM

Kosuke Imai

This class introduces students to quantitative methods and how they are applied to political science research. It has two overarching goals. First is the theory of statistical inference - using facts you know to learn about facts

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Course ID: 160566
2026 Spring (4 Credits)

Instructor Permission Required

you don't know - so that you can understand a wide range of methods, feel comfortable using them in your research, digest new ones invented after class ends, implement them, apply them to your data, interpret the results, and explain them to others. Second, students learn how to publish novel substantive contributions in a scholarly journal. A substantial portion of those in this class publish a revised version of their class paper as their first scholarly journal article.

Course Note: Prerequisite: Gov 2001 and Gov 2002 or the equivalent. For the methodologically advanced G1s who are considering taking this course, please first review the course contents.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: Social Sciences

GOV 2005

Formal Political Theory I

M 0900 AM - 1145 AM

Peter Buisseret

This course is a rigorous introduction to tools and models that are used to analyze political behavior in strategic contexts. Its objective is to provide students with a sufficient knowledge of game theory to read applied research papers, and to prepare students for advanced coursework. Topics include individual choice, and static and dynamic games of complete and incomplete information.

This course requires students to choose timed sections during registration.

Requires: Course open to Doctoral Students Only

FAS Divisional Distribution: Social Sciences

Course ID: 110953

2025 Fall (4 Credits)

GOV 2006

Formal Models of Domestic Politics

TR 0900 AM - 1015 AM

Peter Buisseret

We explore a selection of advanced topics in game theory and applied modeling, and survey applications of formal theory to political science and political economy. Topics include: global games, strategic information transmission, delegation, elections and electoral institutions, legislative policymaking, lobbying, accountability, bureaucracy, and decentralization.

Requires: Prerequisite: Government 2005 AND for Doctoral Students only

FAS Divisional Distribution: Social Sciences

Course ID: 116295

2026 Spring (4 Credits)

GOV 2009

Methods of Political Analysis

W 0345 PM - 0545 PM

Peter Hall

Covers the issues and techniques central to designing and researching a good dissertation, whether quantitative or qualitative, including principles of research design, case selection, comparison, measurement, and causal relations, with many practical examples.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: Social Sciences

Course ID: 115860

2026 Spring (4 Credits)

Instructor Permission Required

GOV 2011

Graduate Practicum in Survey Research

T 1200 PM - 0245 PM

Chase Harrison

This course is geared to graduate students who are designing an original survey. Assignments cover core aspects of survey design. By the end of the course, students should have produced a comprehensive research plan which can be implemented or submitted as part of a proposal to a funding agency.

Requires: Course open to Doctoral Students Only

Course ID: 110225

2025 Fall (4 Credits)

GOV 2020

The Hidden Curriculum

M 0300 PM - 0545 PM

Gary King

Course ID: 111428

2025 Fall (4 Credits)

Gov 2020 has two components: (1) A popular semester-long project designed to show how to write and publish an article in a scholarly journal, beginning with an article replication. This assignment, an early version of which was described in the article "Publication, Publication" and previously part of Gov 2001, has resulted in many students' first publications, conference presentations, dissertations, and awards. (2) How science (and, by extension, the profession) works. It includes what a big idea is in our field; developing defensible answers; co-authoring; writing for impact; effective presentations; solving problems by changing the question; going beyond publication to impact; managing the transition academics undergo from private to public figure; leveraging universities, startups, industry, and government for research; and more.

This course requires students to choose timed sections during registration.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: Social Sciences

GOV 2032

Capitalism and its Critics

R 0300 PM - 0545 PM

Katrina Forrester

Course ID: 107798

2025 Fall (4 Credits)

Instructor Permission Required

This graduate course offers an advanced survey of critiques of capitalism. We will read a range of interdisciplinary social and political theorists in the Marxist tradition and beyond, to explore problems of exploitation and domination, social reproduction, racial capitalism, dispossession, and more. We will interrogate political features of capitalist social relations, including the role of violence in accumulation and the importance of the family and the state. This course will involve several workshop sessions with visiting scholars, who will share new research in the social and political theory of capitalism and related areas. Enrolment in the class will be capped, but the workshop is open to all.

FAS Divisional Distribution: Social Sciences

GOV 2060

Ancient and Medieval Political Philosophy

T 1245 PM - 0245 PM

Danielle Allen

Course ID: 117804

2025 Fall (4 Credits)

This course serves as an introduction to ancient political thought. Rather than being a broad survey, this course will offer an alternative to the distracted media universe of our current age by building habits of sustained attention trained on a few key texts of ancient political thought: Plato's Republic and Aristotle's Ethics and Politics. Political philosophy began with the questions "How should I live?" "How should we live?" This course seeks to bring those questions to life in our current age, to unfold the deep and rich answers offered to these questions by ancient philosophers, to offer some comparative exposure to ancient Near Eastern, Chinese, Jewish, and Islamic political thought, and to show the connections between ancient and contemporary debates.

Graduate level version of Gov 1060. Enrollment limited to graduate students. Undergraduates should enroll in Gov 1060.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: Social Sciences

GOV 2077

Hobbes

W 0300 PM - 0500 PM

Eric Nelson

Course ID: 226160

2025 Fall (4 Credits)

This course will examine in depth the ethical, political, and historical writings of Thomas Hobbes, from his earliest humanist works to his final unpublished manuscripts. Particular attention will be paid to the three major statements of his political theory, The Elements of Law (1640), De cive (1642), and Leviathan (1651).

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: Social Sciences

GOV 2093

Political Theory Field Seminar

R 0300 PM - 0500 PM

Eric Nelson

Designed to acquaint Ph.D. candidates in Government with central topics in Political Theory. Topics are organized under four main headings: Justice and Equality; Democracy, Representation and the State; Identity, Culture and Politics; and Approaches to the Study of Politics.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: Social Sciences

GOV 2105

Comparative Politics: Field Seminar

W 0945 AM - 1145 AM

Steven Levitsky, Torben Iversen

Surveys topics in comparative politics (both the developed and the developing world), including the rise of the modern state; institutions of government; interest mediation; democracy and authoritarianism; revolution; political parties; mass and elite political behavior; political economy.

Requires: For Doctoral Students in Government, Government and Social Policy, and Political Economy and Government. Other students must petition for the course.
FAS Divisional Distribution: Social Sciences

GOV 2107

Political Violence

M 0300 PM - 0500 PM

Course ID: 226163
2026 Spring (4 Credits)

Political violence varies greatly in its intensity, scope, and form, depending on the characteristics of the perpetrator, target, and context of the conflict. This course is an introduction to the literatures on various types of political violence. It focuses on the following questions: What is political violence? Why and when do actors use violence, and what factors impact the type of violence actors use? What are the (intended and unintended) consequences of violence, both short and long-term? How does one evaluate the intentionality and "effectiveness" of violence? This course will draw from works in political science, sociology, economics, and psychology to address these questions.

Instructor: Hojung Joo

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

GOV 2124

Identity Politics in American and Comparative Perspective

M 0900 AM - 1145 AM

Mashail Malik, Marcel Roman

Course ID: 226152
2025 Fall (4 Credits)

This course will examine the varied relationships between identities and political behavior from a social science perspective. Over the course of the semester, we will investigate questions such as: What is identity and how does it affect social and political outcomes? Why are some identities salient for particular people or groups while others are not? Can we change our identities, and if so, under what circumstances and to what end? How do forces outside of us – such as the state or society – determine which identities are ascribed to us? And what are the causes and consequences of what we term "identity politics"? The capstone project of this course is a research paper by each student on an identity-related topic of their choice.

FAS Divisional Distribution: Social Sciences

GOV 2139

Topics in Comparative Political Economy

T 1200 PM - 0245 PM

Torben Iversen, Kathleen Thelen

The goal of this class is to delve into new and emerging areas of scholarship in political economy. The readings will range across both developed and developing countries but with more emphasis on developed democracies. Beyond considering several important contemporary topics in the literature on comparative political economy, the course helps students establish a strong foundation in political economy, and it serves as a forum in which students can explore potential research projects. As is the tradition with this class, some of the reading is organized by students in consultation with the instructors. Grades are based on: 1) 40% class participation and curating and introducing at least one week's readings; 2) 20% 2 reviews of weekly reading; 3) 40% final literature review or research proposal.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

GOV 2156

Comparative Political Behavior

W 0945 AM - 1145 AM

Feyaad Allie

This graduate seminar is designed to provide an overview of some contemporary and foundational work in comparative political behavior and allow graduate students to develop a new empirical research project. The course is organized around three broad themes: political participation (turnout, vote choice, claims-making), collective action (protests, violence, coordination), and attitudes (inter and intra-group relations, nationalism). Readings will include a range of contexts in the country, but there will be a particular emphasis on the developing world. Class discussion will help students engage with key theoretical arguments and research designs. Course assignments will aim to teach practical skills for academic research such as developing a research paper, writing a peer-review, and planning for/conducting data analysis.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: Social Sciences

GOV 2170

State-Building

M 0600 PM - 0800 PM

Daniel Ziblatt

Investigates the state, non-state forms of political power, and state-building. With focus on developing and developed worlds, topics include: What is the state? What are other forms of non-state power? What theoretical approaches best explain strong and weak states?

Requires: Course open to Doctoral Students Only

FAS Divisional Distribution: Social Sciences

GOV 2176

Varieties of Capitalism and Social Inequality

W 0345 PM - 0545 PM

Peter Hall

Explores the political economies of the affluent democracies with some emphasis on Europe. How do welfare states and other institutional arrangements affect the dynamics of redistribution? What is the relationship between changes in electoral politics and the political economy? How is institutional change best understood?

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: Social Sciences

Course ID: 226171
2026 Spring (4 Credits)

Course ID: 226154
2025 Fall (4 Credits)

Course ID: 203483
2025 Fall (4 Credits)

Course ID: 124426
2025 Fall (4 Credits)

Instructor Permission Required

GOV 2213

Comparative Politics of Post-Socialism

R 0300 PM - 0545 PM

Grzegorz Ekiert, Timothy Colton

A research seminar designed to define an agenda for the comparative analysis of political developments among post-socialist systems. Emphasis placed on the formation of research proposals, methods of analysis, theory-building, and the presentation of comparative empirical research.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: Social Sciences

Course ID: 156438
2025 Fall (4 Credits)

GOV 2305

American Government and Politics: Field Seminar

R 0945 AM - 1145 AM

Marcel Roman, James Snyder

Designed to acquaint PhD candidates in Government with a variety of approaches that have proved useful in examining important topics in the study of American government and politics.

Requires: Course open to Doctoral Students Only

FAS Divisional Distribution: Social Sciences

Course ID: 111410
2025 Fall (4 Credits)

GOV 2312

Public Opinion

M 1245 PM - 0245 PM

Stephen Ansolabehere

This class examines key questions in the study of public opinion, such as the role of knowledge and information, the stability of attitudes, and how public opinion shapes political decision making of leaders. The class also teaches students how to design and analyze public opinion surveys. During this class we will design, conduct and analyze 3 national sample surveys, using a professional survey firm.

Requires: Course open to Doctoral Students Only

FAS Divisional Distribution: None

Course ID: 204539
2025 Fall (4 Credits)

GOV 2340A

Proseminar on Inequality and Social Policy I

W 0300 PM - 0500 PM

Jennifer Hochschild

The first doctoral seminar in the Inequality and Social Policy three-course sequence. Open to second-year Social Policy PhD students and Inequality & Social Policy PhD fellows.

*Course Note: Jointly offered with Harvard Kennedy School as SUP 921.
Offered in some years as Soc 296a.*

FAS Divisional Distribution: Social Sciences

Course ID: 128283
2025 Fall (4 Credits)

Instructor Permission Required

GOV 2340B

Proseminar on Inequality and Social Policy II

M 0130 PM - 0330 PM

Taeku Lee

Second doctoral seminar in the Inequality and Social Policy three-course sequence. Open to second-year Social Policy PhD students and Inequality & Social Policy PhD fellows.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: Social Sciences

Course ID: 156458
2026 Spring (4 Credits)

Instructor Permission Required

GOV 2370

Democratic Backsliding in the United States and Beyond

M 0300 PM - 0500 PM

Theda Skocpol, Daniel Ziblatt

Course ID: 222210
2026 Spring (4 Credits)

Instructor Permission Required

Reviews major studies of democratic backsliding and authoritarian threats to responsive government, and considers issues about defining, empirically documenting, and explaining outcomes in such periods. Course segments will analyze and compare major periods of conflict over democratic backsliding – especially the rollback of post-Civil War Reconstruction in the United States from the 1870s to 1890s, and contemporary 2000s challenges to U.S. democracy. Compares U.S. episodes to selected cases abroad, including contemporary India, Turkey, and Hungary.

Course Note: Advanced undergraduates can be admitted with instructor approval.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: Social Sciences

GOV 2500

Bureaucratic Politics

R 0945 AM - 1145 AM

Alisha Holland, Daniel Carpenter

Course ID: 108243
2026 Spring (4 Credits)

This graduate seminar provides an overview of both classic and cutting-edge research on bureaucratic politics in the US and comparative perspective. We explore issues around administrative capacity; meritocracy and patronage; political control and delegation; accountability and autonomy; and operation under different political environments (democratic, autocratic, and populist threats).

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

GOV 2525

Political Geography

T 0900 AM - 1100 AM

Ryan Enos

Course ID: 108967
2025 Fall (4 Credits)

This class explores the influence of space on political behavior. The course will explore the theoretical underpinnings of spatial analysis, read current literature that focuses on geography and politics, and provide applied resources of technology and data for using spatial analysis in research. The class will focus mostly on American politics, but will also use examples from comparative studies.

Requires: Course open to Doctoral Students Only

FAS Divisional Distribution: Social Sciences

GOV 2710

International Relations: Field Seminar

T 0945 AM - 1145 AM

Michael Hiscox, Christina Davis

A survey of the field.

Course Note: Suitable for Government graduate students preparing for general examinations.

Requires: Course open to Doctoral Students Only

FAS Divisional Distribution: None

Course ID: 123375
2025 Fall (4 Credits)

GOV 2739

Political Economy of Climate Change and the Environment

W 0945 AM - 1145 AM

Dustin Tingley

Course ID: 226324
2025 Fall (4 Credits)

This graduate level course examines the political and economic drivers that have and will continue to change the Earth's environment and climate. We will examine scholarship that debates the sources of these changes and

the proposed solutions. Specific focus will be on scholarship from political science and economics, but insights from other social science disciplines will be examined as well. The course will also consider and evaluate policy proposals designed to reduce or eliminate environmental and climatic problems with an eye to how well they address underlying incentive problems, interface with existing or new institutional structures, and are predicated on credible empirical research. Domestic, comparative, and international focused literatures are all covered in the class.

FAS Divisional Distribution: Social Sciences

GOV 2761

International Organization

R 0300 PM - 0500 PM

Christina Davis

The number and scope of international organizations continues to expand so that there are few areas of international politics that are not regulated in some way by an international institution, whether informal norms or a formal organization. Why do states establish institutions and what determines their design and evolution? Do these institutions merely reflect underlying power and interests? These are some of the questions we will be asking in this course. It is an advanced research seminar that will introduce theories of international institutions, evaluate critical perspectives, and examine applications in security, economic, and environmental policy areas.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: Social Sciences

Course ID: 148283
2026 Spring (4 Credits)

GOV 2887

International Politics in the Post-Soviet Space

R 0300 PM - 0500 PM

Timothy Colton

Examines trends in international relations and transnational processes among the fifteen post-Soviet states, with special attention to the role of Russia, intra-regional cooperation and conflict, the involvement of outside players, and domestic determinants.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: Social Sciences

Course ID: 127382
2026 Spring (4 Credits)

GOV 3000A

Reading and Research

No meeting time listed

Stephen Ansolabehere

Course ID: 113694
2025 Fall (4 Credits)
Instructor Permission Required

GOV 3000A

Reading and Research

No meeting time listed

Stephen Ansolabehere

Course ID: 113694
2026 Spring (4 Credits)
Instructor Permission Required

GOV 3000A (002)

Reading and Research

No meeting time listed

Eric Beerbohm

Course ID: 113694
2025 Fall (4 Credits)
Instructor Permission Required

GOV 3000A (002)

Reading and Research

No meeting time listed

Eric Beerbohm

Course ID: 113694
2026 Spring (4 Credits)
Instructor Permission Required

GOV 3000A (003) Reading and Research <i>No meeting time listed</i> <i>Thom Wall</i>	Course ID: 113694 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (003) Reading and Research <i>No meeting time listed</i> <i>Thom Wall</i>	Course ID: 113694 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (004) Reading and Research <i>No meeting time listed</i> <i>Katrina Forrester</i>	Course ID: 113694 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (004) Reading and Research <i>No meeting time listed</i> <i>Katrina Forrester</i>	Course ID: 113694 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (005) Reading and Research <i>No meeting time listed</i> <i>Feyaad Allie</i>	Course ID: 113694 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (005) Reading and Research <i>No meeting time listed</i> <i>Feyaad Allie</i>	Course ID: 113694 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (006) Reading and Research <i>No meeting time listed</i> <i>Daniel Carpenter</i>	Course ID: 113694 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (006) Reading and Research <i>No meeting time listed</i> <i>Daniel Carpenter</i>	Course ID: 113694 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (007) Reading and Research <i>No meeting time listed</i> <i>Timothy Colton</i>	Course ID: 113694 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (007) Reading and Research	Course ID: 113694 2026 Spring (4 Credits)

No meeting time listed
Timothy Colton

Instructor Permission Required

GOV 3000A (008)
Reading and Research
No meeting time listed
Stephen Chaudoin

Course ID: 113694
2025 Fall (4 Credits)
Instructor Permission Required

GOV 3000A (008)
Reading and Research
No meeting time listed
Stephen Chaudoin

Course ID: 113694
2026 Spring (4 Credits)
Instructor Permission Required

GOV 3000A (009)
Reading and Research
No meeting time listed
Grzegorz Ekiert

Course ID: 113694
2025 Fall (4 Credits)
Instructor Permission Required

GOV 3000A (009)
Reading and Research
No meeting time listed
Grzegorz Ekiert

Course ID: 113694
2026 Spring (4 Credits)
Instructor Permission Required

GOV 3000A (010)
Reading and Research
No meeting time listed
Ryan Enos

Course ID: 113694
2025 Fall (4 Credits)
Instructor Permission Required

GOV 3000A (010)
Reading and Research
No meeting time listed
Ryan Enos

Course ID: 113694
2026 Spring (4 Credits)
Instructor Permission Required

GOV 3000A (011)
Reading and Research
No meeting time listed
Peter Buisseret

Course ID: 113694
2025 Fall (4 Credits)
Instructor Permission Required

GOV 3000A (011)
Reading and Research
No meeting time listed
Peter Buisseret

Course ID: 113694
2026 Spring (4 Credits)
Instructor Permission Required

GOV 3000A (012)
Reading and Research
No meeting time listed
Claudine Gay

Course ID: 113694
2025 Fall (4 Credits)
Instructor Permission Required

<p>GOV 3000A (012)</p> <p>Reading and Research</p> <p><i>No meeting time listed</i></p> <p><i>Claudine Gay</i></p>	<p>Course ID: 113694</p> <p>2026 Spring (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>GOV 3000A (013)</p> <p>Reading and Research</p> <p><i>No meeting time listed</i></p> <p><i>Peter Hall</i></p>	<p>Course ID: 113694</p> <p>2025 Fall (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>GOV 3000A (013)</p> <p>Reading and Research</p> <p><i>No meeting time listed</i></p> <p><i>Peter Hall</i></p>	<p>Course ID: 113694</p> <p>2026 Spring (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>GOV 3000A (014)</p> <p>Reading and Research</p> <p><i>No meeting time listed</i></p> <p><i>Jennifer Hochschild</i></p>	<p>Course ID: 113694</p> <p>2025 Fall (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>GOV 3000A (014)</p> <p>Reading and Research</p> <p><i>No meeting time listed</i></p> <p><i>Jennifer Hochschild</i></p>	<p>Course ID: 113694</p> <p>2026 Spring (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>GOV 3000A (015)</p> <p>Reading and Research</p> <p><i>No meeting time listed</i></p> <p><i>Torben Iversen</i></p>	<p>Course ID: 113694</p> <p>2025 Fall (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>GOV 3000A (015)</p> <p>Reading and Research</p> <p><i>No meeting time listed</i></p> <p><i>Torben Iversen</i></p>	<p>Course ID: 113694</p> <p>2026 Spring (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>GOV 3000A (016)</p> <p>Reading and Research</p> <p><i>No meeting time listed</i></p> <p><i>Alastair Johnston</i></p>	<p>Course ID: 113694</p> <p>2025 Fall (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>GOV 3000A (016)</p> <p>Reading and Research</p> <p><i>No meeting time listed</i></p> <p><i>Alastair Johnston</i></p>	<p>Course ID: 113694</p> <p>2026 Spring (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>GOV 3000A (017)</p> <p>Reading and Research</p> <p><i>No meeting time listed</i></p> <p><i>Joshua Kertzer</i></p>	<p>Course ID: 113694</p> <p>2025 Fall (4 Credits)</p> <p><i>Instructor Permission Required</i></p>

GOV 3000A (017) Reading and Research <i>No meeting time listed</i> <i>Joshua Kertzer</i>	Course ID: 113694 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (018) Reading and Research <i>No meeting time listed</i> <i>Gary King</i>	Course ID: 113694 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (018) Reading and Research <i>No meeting time listed</i> <i>Gary King</i>	Course ID: 113694 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (019) Reading and Research <i>No meeting time listed</i> <i>Steven Levitsky</i>	Course ID: 113694 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (019) Reading and Research <i>No meeting time listed</i> <i>Steven Levitsky</i>	Course ID: 113694 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (020) Reading and Research <i>No meeting time listed</i> <i>Eric Nelson</i>	Course ID: 113694 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (020) Reading and Research <i>No meeting time listed</i> <i>Eric Nelson</i>	Course ID: 113694 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (021) Reading and Research <i>No meeting time listed</i> <i>Elizabeth Perry</i>	Course ID: 113694 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (021) Reading and Research <i>No meeting time listed</i> <i>Elizabeth Perry</i>	Course ID: 113694 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (022) Reading and Research	Course ID: 113694 2025 Fall (4 Credits)

No meeting time listed
Paul Peterson

Instructor Permission Required

GOV 3000A (022)
Reading and Research
No meeting time listed
Paul Peterson

Course ID: 113694
2026 Spring (4 Credits)
Instructor Permission Required

GOV 3000A (023)
Reading and Research
No meeting time listed
Pia Raffler

Course ID: 113694
2025 Fall (4 Credits)
Instructor Permission Required

GOV 3000A (023)
Reading and Research
No meeting time listed
Pia Raffler

Course ID: 113694
2026 Spring (4 Credits)
Instructor Permission Required

GOV 3000A (024)
Reading and Research
No meeting time listed
Michael Rosen

Course ID: 113694
2025 Fall (4 Credits)
Instructor Permission Required

GOV 3000A (024)
Reading and Research
No meeting time listed
Michael Rosen

Course ID: 113694
2026 Spring (4 Credits)
Instructor Permission Required

GOV 3000A (025)
Reading and Research
No meeting time listed
Michael Sandel

Course ID: 113694
2025 Fall (4 Credits)
Instructor Permission Required

GOV 3000A (025)
Reading and Research
No meeting time listed
Michael Sandel

Course ID: 113694
2026 Spring (4 Credits)
Instructor Permission Required

GOV 3000A (026)
Reading and Research
No meeting time listed
Theda Skocpol

Course ID: 113694
2025 Fall (4 Credits)
Instructor Permission Required

GOV 3000A (026)
Reading and Research
No meeting time listed
Theda Skocpol

Course ID: 113694
2026 Spring (4 Credits)
Instructor Permission Required

GOV 3000A (027)
Reading and Research
No meeting time listed
James Snyder

Course ID: 113694
2025 Fall (4 Credits)
Instructor Permission Required

GOV 3000A (027)
Reading and Research
No meeting time listed
James Snyder

Course ID: 113694
2026 Spring (4 Credits)
Instructor Permission Required

GOV 3000A (028)
Reading and Research
No meeting time listed
Latanya Sweeney

Course ID: 113694
2025 Fall (4 Credits)
Instructor Permission Required

GOV 3000A (028)
Reading and Research
No meeting time listed
Latanya Sweeney

Course ID: 113694
2026 Spring (4 Credits)
Instructor Permission Required

GOV 3000A (029)
Reading and Research
No meeting time listed
Dustin Tingley

Course ID: 113694
2025 Fall (4 Credits)
Instructor Permission Required

GOV 3000A (029)
Reading and Research
No meeting time listed
Dustin Tingley

Course ID: 113694
2026 Spring (4 Credits)
Instructor Permission Required

GOV 3000A (030)
Reading and Research
No meeting time listed
Daniel Ziblatt

Course ID: 113694
2025 Fall (4 Credits)
Instructor Permission Required

GOV 3000A (030)
Reading and Research
No meeting time listed
Daniel Ziblatt

Course ID: 113694
2026 Spring (4 Credits)
Instructor Permission Required

GOV 3000A (031)
Reading and Research
No meeting time listed
Melani Cammett

Course ID: 113694
2025 Fall (4 Credits)
Instructor Permission Required

GOV 3000A (031)
Reading and Research
No meeting time listed
Melani Cammett

Course ID: 113694
2026 Spring (4 Credits)
Instructor Permission Required

GOV 3000A (032) Reading and Research <i>No meeting time listed</i> <i>Danielle Allen</i>	Course ID: 113694 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (032) Reading and Research <i>No meeting time listed</i> <i>Danielle Allen</i>	Course ID: 113694 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (033) Reading and Research <i>No meeting time listed</i> <i>Michael Hiscox</i>	Course ID: 113694 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (033) Reading and Research <i>No meeting time listed</i> <i>Michael Hiscox</i>	Course ID: 113694 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (034) Reading and Research <i>No meeting time listed</i> <i>Yuhua Wang</i>	Course ID: 113694 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (034) Reading and Research <i>No meeting time listed</i> <i>Yuhua Wang</i>	Course ID: 113694 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (035) Reading and Research <i>No meeting time listed</i> <i>Christina Davis</i>	Course ID: 113694 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (035) Reading and Research <i>No meeting time listed</i> <i>Christina Davis</i>	Course ID: 113694 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (036) Reading and Research <i>No meeting time listed</i> <i>Kosuke Imai</i>	Course ID: 113694 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (036) Reading and Research	Course ID: 113694 2026 Spring (4 Credits)

No meeting time listed
Kosuke Imai

Instructor Permission Required

GOV 3000A (037)
Reading and Research
No meeting time listed
Frances Hagopian

Course ID: 113694
2025 Fall (4 Credits)
Instructor Permission Required

GOV 3000A (037)
Reading and Research
No meeting time listed
Frances Hagopian

Course ID: 113694
2026 Spring (4 Credits)
Instructor Permission Required

GOV 3000A (038)
Reading and Research
No meeting time listed
Alisha Holland

Course ID: 113694
2025 Fall (4 Credits)
Instructor Permission Required

GOV 3000A (038)
Reading and Research
No meeting time listed
Alisha Holland

Course ID: 113694
2026 Spring (4 Credits)
Instructor Permission Required

GOV 3000A (039)
Reading and Research
No meeting time listed
Taeku Lee

Course ID: 113694
2025 Fall (4 Credits)
Instructor Permission Required

GOV 3000A (039)
Reading and Research
No meeting time listed
Taeku Lee

Course ID: 113694
2026 Spring (4 Credits)
Instructor Permission Required

GOV 3000A (040)
Reading and Research
No meeting time listed
Naijia Liu

Course ID: 113694
2025 Fall (4 Credits)
Instructor Permission Required

GOV 3000A (040)
Reading and Research
No meeting time listed
Naijia Liu

Course ID: 113694
2026 Spring (4 Credits)
Instructor Permission Required

GOV 3000A (041)
Reading and Research
No meeting time listed
Mashail Malik

Course ID: 113694
2025 Fall (4 Credits)
Instructor Permission Required

GOV 3000A (041) Reading and Research <i>No meeting time listed</i> <i>Mashail Malik</i>	Course ID: 113694 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (042) Reading and Research <i>No meeting time listed</i> <i>Christoph Mikulaschek</i>	Course ID: 113694 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (042) Reading and Research <i>No meeting time listed</i> <i>Christoph Mikulaschek</i>	Course ID: 113694 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (043) Reading and Research <i>No meeting time listed</i> <i>Marcel Roman</i>	Course ID: 113694 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (043) Reading and Research <i>No meeting time listed</i> <i>Marcel Roman</i>	Course ID: 113694 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (044) Reading and Research <i>No meeting time listed</i> <i>Stephanie Ternullo</i>	Course ID: 113694 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (044) Reading and Research <i>No meeting time listed</i> <i>Stephanie Ternullo</i>	Course ID: 113694 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (045) Reading and Research <i>No meeting time listed</i>	Course ID: 113694 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
GOV 3000A (045) Reading and Research <i>No meeting time listed</i>	Course ID: 113694 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
GOV 3002A Teaching and Communicating Political Science <i>No meeting time listed</i> <i>Thom Wall</i>	Course ID: 143023 2025 Fall (4 Credits)

This is a required course for Government PhD students who are teaching in the department for the first time (typically G3s). The course meeting five times in the fall semester. Between meetings, you will have the chance to apply what you learn through peer observation, having your section videotaped, and watching your section with the Departmental Teaching Fellow. The ultimate goal of this course is to help you to become a good teacher and an effective speaker.

Course Note: Limited to and required of all first time teaching fellows in Government.

FAS Divisional Distribution: Social Sciences

GOV 3002B

Teaching and Communicating Political Science

Course ID: 220061
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Thom Wall

This is an optional course for Government PhD students at any point in the program. The course meets approximately 6 times during the semester to cover topics relating to teaching and professional development, such as effective advising, teaching statements for the job market, and syllabus design. The ultimate goal of this course is to help you to continue to grow as a teacher and scholar.

Course Note: Limited to and required of all first time teaching fellows in Government.

FAS Divisional Distribution: None

GOV 3003A

Direction of The Doctoral Dissertation

Course ID: 207729
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Thom Wall

Reading and Research. Individual work in preparation for the doctoral dissertation.

Course Note: Limited to candidates for the PhD in Government who are in residence and who are in good standing in the Graduate School.

FAS Divisional Distribution: Social Sciences

GOV 3003B

Direction of The Doctoral Dissertation

Course ID: 109957
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Thom Wall

Reading and Research. Individual work in preparation for the doctoral dissertation.

Course Note: Limited to candidates for the PhD in Government who are in residence and who are in good standing in the Graduate School.

FAS Divisional Distribution: Social Sciences

GOV 3004

Research Workshop in American Politics

Course ID: 123991
2026 Spring (4 Credits)

T 1200 PM - 0200 PM

Instructor Permission Required

A forum for the presentation and discussion of research in progress by graduate students, faculty, and visiting scholars. Anyone working on contemporary American politics or on US political development welcome. Occasional presentations by invited speakers.

FAS Divisional Distribution: None

GOV 3004	Course ID: 123991
Research Workshop in American Politics	2025 Fall (4 Credits)
T 1200 PM - 0200 PM	<i>Instructor Permission Required</i>
<i>Jennifer Hochschild</i>	

A forum for the presentation and discussion of research in progress by graduate students, faculty, and visiting scholars. Anyone working on contemporary American politics or on US political development welcome. Occasional presentations by invited speakers.

FAS Divisional Distribution: None

GOV 3005	Course ID: 107770
Research Workshop in International Relations	2025 Fall (4 Credits)
T 1200 PM - 0200 PM	<i>Instructor Permission Required</i>
<i>Christina Davis</i>	

GOV 3005	Course ID: 107770
Research Workshop in International Relations	2026 Spring (4 Credits)
T 1200 PM - 0200 PM	<i>Instructor Permission Required</i>
<i>Christina Davis</i>	

GOV 3006	Course ID: 125452
Research Workshop in Comparative Politics	2025 Fall (4 Credits)
R 1200 PM - 0200 PM	<i>Instructor Permission Required</i>
<i>Alisha Holland</i>	

GOV 3006	Course ID: 125452
Research Workshop in Comparative Politics	2026 Spring (4 Credits)
R 1200 PM - 0200 PM	<i>Instructor Permission Required</i>
<i>Alisha Holland</i>	

GOV 3007	Course ID: 127704
Research Workshop in Political Economy	2025 Fall (4 Credits)
M 1200 PM - 0200 PM	<i>Instructor Permission Required</i>
<i>Mashail Malik</i>	

GOV 3007	Course ID: 127704
Research Workshop in Political Economy	2026 Spring (4 Credits)
M 1200 PM - 0200 PM	<i>Instructor Permission Required</i>
<i>Mashail Malik</i>	

GOV 3008	Course ID: 121718
Research Workshop in Political Theory	2025 Fall (4 Credits)
W 1200 PM - 0200 PM	<i>Instructor Permission Required</i>
<i>Shterna Friedman</i>	

GOV 3008	Course ID: 121718
Research Workshop in Political Theory	2026 Spring (4 Credits)
W 1200 PM - 0200 PM	<i>Instructor Permission Required</i>
<i>Shterna Friedman</i>	

GOV 3009	Course ID: 111844
Research Workshop in Applied Statistics	2025 Fall (4 Credits)
W 1200 PM - 0200 PM	<i>Instructor Permission Required</i>
<i>Kosuke Imai</i>	

A forum for graduate students, faculty, and visiting scholars to present and discuss work in progress. Features a tour of Harvard's statistical innovations and applications with weekly stops in different disciplines. Occasional presentations by invited speakers.

FAS Divisional Distribution: None

GOV 3009	Course ID: 111844
Research Workshop in Applied Statistics	2026 Spring (4 Credits)
W 1200 PM - 0200 PM	<i>Instructor Permission Required</i>
<i>Kosuke Imai</i>	

A forum for graduate students, faculty, and visiting scholars to present and discuss work in progress. Features a tour of Harvard's statistical innovations and applications with weekly stops in different disciplines. Occasional presentations by invited speakers.

FAS Divisional Distribution: None

GOV 3010	Course ID: 116554
Research Workshop in Race and Ethnic Politics	2025 Fall (4 Credits)
W 1200 PM - 0200 PM	<i>Instructor Permission Required</i>
<i>Taeku Lee</i>	

GOV 3010	Course ID: 116554
Research Workshop in Race and Ethnic Politics	2026 Spring (4 Credits)
W 1200 PM - 0200 PM	<i>Instructor Permission Required</i>
<i>Taeku Lee</i>	

Health Policy

Health Policy

HLTHPOL 2000A	Course ID: 113988
Core Course in Health Policy	2025 Fall (4 Credits)
MW 0900 AM - 1015 AM	<i>Instructor Permission Required</i>
<i>Benjamin Sommers</i>	

This course provides a foundational, interdisciplinary understanding of health policy for students who will undertake research that advances knowledge and leads to improvements in health. Topics include the determinants of health, insurance coverage, health care delivery, health data, and research methods. Disciplinary perspectives include ethics, political science, economics, statistics, management science, and decision science.

Course Note: Required of doctoral candidates in Health Policy and open to others by permission of the instructor.

Full Year Course: Divisible Course

FAS Divisional Distribution: Social Sciences

HLTHPOL 2000B

Core Course in Health Policy

TR 0300 PM - 0415 PM

Meredith Rosenthal

Course ID: 159614

2026 Spring (4 Credits)

Instructor Permission Required

This course provides a foundational, interdisciplinary understanding of health policy for students who will undertake research that advances knowledge and leads to improvements in health. Topics include the determinants of health, insurance coverage, health care delivery, health data, and research methods. Disciplinary perspectives include ethics, political science, economics, statistics, management science, and decision science.

Course Note: Required of doctoral candidates in Health Policy and open to others by permission of the instructor.

Full Year Course: Divisible Course

FAS Divisional Distribution: Social Sciences

HLTHPOL 3000

Reading and Research

No meeting time listed

David Cutler

Course ID: 112764

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Social Sciences

HLTHPOL 3000

Reading and Research

No meeting time listed

David Cutler

Course ID: 112764

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Social Sciences

HLTHPOL 3000 (002)

Reading and Research

No meeting time listed

Meredith Rosenthal

Course ID: 112764

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Social Sciences

HLTHPOL 3000 (003)

Reading and Research

No meeting time listed

Jessica Cohen

Course ID: 112764

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Social Sciences

HLTHPOL 3000 (004)

Reading and Research

No meeting time listed

Ankur Pandya

Course ID: 112764

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Social Sciences

HLTHPOL 3000 (004)
Reading and Research
No meeting time listed
Meredith Rosenthal

Course ID: 112764
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: Social Sciences

HLTHPOL 3000 (005)
Reading and Research
No meeting time listed

Course ID: 112764
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: Social Sciences

HLTHPOL 3000 (006)
Reading and Research
No meeting time listed

Course ID: 112764
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: Social Sciences

HLTHPOL 3000 (006)
Reading and Research
No meeting time listed
Jessica Cohen

Course ID: 112764
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: Social Sciences

HLTHPOL 3000 (010)
Reading and Research
No meeting time listed

Course ID: 112764
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: Social Sciences

HLTHPOL 3000 (012)
Reading and Research
No meeting time listed

Course ID: 112764
2026 Spring (4 Credits)
Instructor Permission Required

HLTHPOL 3000 (013)
Reading and Research
No meeting time listed

Course ID: 112764
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: Social Sciences

HLTHPOL 3000 (022)
Reading and Research
No meeting time listed

Course ID: 112764
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: Social Sciences

HLTHPOL 3001
Coursework and Research

Course ID: 208354
2025 Fall (2 Credits)

Student is engaged in coursework and/or non-dissertation research.

FAS Divisional Distribution: None

HLTHPOL 3001
Coursework and Research

Course ID: 208354
2026 Spring (2 Credits)

Student is engaged in coursework and/or non-dissertation research.

FAS Divisional Distribution: None

HLTHPOL 3002
Graduate Research Course: Mental Health Policy
No meeting time listed
Haiden Huskamp, Alisa Busch

Course ID: 207864
2026 Spring (4 Credits)
Instructor Permission Required

Participants discuss key institutional details related to the financing and delivery of mental health and substance use disorder treatment and existing research on mental health policy. Topics include: clinical presentation and treatment decision making; role of the government in financing and delivery of mental health and substance use disorder treatment; insurance coverage; payment; disparities in treatment; intersection with the criminal justice system; and social attitudes toward mental illness and addiction.

Course Note: Offered in alternate years.

FAS Divisional Distribution: Social Sciences

HLTHPOL 3003
Teaching

Course ID: 210876
2025 Fall (2 Credits)

HLTHPOL 3003
Teaching

Course ID: 210876
2026 Spring (2 Credits)

HLTHPOL 3004
Dissertation Research

Course ID: 210877
2025 Fall (2 Credits)

HLTHPOL 3004
Dissertation Research

Course ID: 210877
2026 Spring (2 Credits)

HLTHPOL 3040
Research in Seminar in Health Policy

Course ID: 207863
2025 Fall (2 Credits)

T 1030 AM - 1130 AM

Anupam Jena, David Grabowski, Anna Sinaiko

Students in the third year and above present dissertation research in progress.

Requires: Health Policy PhD students Only

FAS Divisional Distribution: None

HLTHPOL 3040
Research in Seminar in Health Policy

Course ID: 207863
2026 Spring (2 Credits)

T 1030 AM - 1130 AM

Anupam Jena, David Grabowski, Anna Sinaiko

Students in the third year and above present dissertation research in progress.

Requires: Health Policy PhD students Only

FAS Divisional Distribution: None

HLTHPOL 3070
Graduate Reading Course: Economics

Course ID: 119673
2026 Spring (2 Credits)

No meeting time listed

Instructor Permission Required

HLTHPOL 3080A
Graduate Reading Course: Methods for Policy Research

Course ID: 119678
2025 Fall (2 Credits)

No meeting time listed

Instructor Permission Required

Mary Beth Landrum, Michael McWilliams

HLTHPOL 3080B
Graduate Reading Course: Methods for Policy Research

Course ID: 160640
2026 Spring (2 Credits)

No meeting time listed

Instructor Permission Required

Mary Beth Landrum, Michael McWilliams

History

History

HIST 14 (1)

The First World War

Course ID: 222178
2026 Spring (4 Credits)

No meeting time listed

Jamie Martin

The First World War was one of the largest and most devastating conflicts the world has ever seen. It was also one of the first wars that was waged across the entire earth – from Europe to Africa, China, and the Middle East. This course examines the First World War not only as a European conflict, but as a truly global one. Students will explore the origins, course, and legacies of the war and the impact it had on politics and societies around the world. As such, this course will focus not only on the military and economic aspects of the war in its principal European and Middle Eastern theaters but also on how the war transformed conceptions of democracy, the state, gender, race, and art around the world. This course will conclude by looking at how the war's outcome permanently reshaped international relations and sowed the seeds for many future conflicts.

Course Note: This course meets the "Beyond North America" History Concentration requirement. Former course number "HIST 1045."

This class requires students to enroll in an untimed, placeholder section during registration and to submit time preferences. Sections will be assigned immediately after registration based on student interest and preferences.

FAS Divisional Distribution: Social Sciences

HIST 20A (1)

Western Intellectual History: Greco-Roman Antiquity

Course ID: 119533
2025 Fall (4 Credits)

MW 1030 AM - 1145 AM

James Hankins

A survey of major themes in the intellectual history of the Greek and Roman World, with special attention to metaphysics, psychology, ethics and the philosophic life. Readings in the Presocratics, Plato, Aristotle, Lucretius, Epictetus, Cicero, Seneca, Marcus Aurelius, Plotinus, Augustine, and Boethius.

Course Note: No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement and first-years are welcome.

his course meets the "Pre-1750" History Concentration requirement. Former course number "HIST 1300."

This class requires students to enroll in an untimed, placeholder section during registration and to submit time preferences. Sections will be assigned immediately after registration based on student interest and preferences.

FAS Divisional Distribution: Social Sciences

HIST 21 (1)

Labor, Liberty, and Conflict in American History

Course ID: 226578
2026 Spring (4 Credits)

No meeting time listed

Joel Suarez

Course Note: This course meets the "North America" History Concentration requirement.

This class requires students to enroll in an untimed, placeholder section during registration and to submit time preferences. Sections will be assigned immediately after registration based on student interest and preferences.

HIST 23 (1)

Immigration Law: A History of the Present

Course ID: 222203
2025 Fall (4 Credits)

MW 1030 AM - 1145 AM

Jesse Hoffnung-Garskof

Instructor Permission Required

This course assists students to develop an informed analysis of the current political debate through investigation of the legal history of immigration since founding of the republic. Students analyze the ways that histories of race, gender, sexuality, class and global politics have shaped and continue to shape the law and politics of

immigration. Through structured in-class activities and challenges, students learn a range of legal history methods. They then have opportunities to use these methods to study competing claims about immigration in the current moment. Ideal for anyone considering a career in immigration law, policy, social activism or public service, but all are welcome.

Course Note: This course meets the "Beyond North America" History Concentration requirement.

Former course number "HIST 1016."

This class requires students to enroll in an untimed, placeholder section during registration and to submit time preferences. Sections will be assigned immediately after registration based on student interest and preferences.

The section times are: Wednesdays 1:30-2:30, Wednesdays 3:00-4:00pm, Thursdays 9:00-10:00am, and Fridays 10:30-11:30am.

FAS Divisional Distribution: Social Sciences

HIST 29 (1)

The Fall of the Roman Empire

MW 1200 PM - 0115 PM

Michael McCormick

Uses the latest results of archaeology, written sources, environmental sciences, genetics, GIS, etc., to study the changes, violent or subtle, that transformed the Roman world to produce medieval civilization between ca. 300 and 700. Topics include Constantine's conversion; economic recovery, collapse and climate change; the barbarians; women and power; pandemic disease; emphasizes reading of ancient sources in translation, archaeology, and the sciences of the human past.

Course Note: No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement and freshmen welcome.

This course meets the "Pre-1750" History Concentration requirement.

Former course number "HIST 1040."

This class requires students to enroll in an untimed, placeholder section during registration and to submit time preferences. Sections will be assigned immediately after registration based on student interest and preferences.

FAS Divisional Distribution: Social Sciences

HIST 32A (1)

The Ottoman Empire and the World, part one: ca.1000-1550

No meeting time listed

Cemal Kafadar

Surveys the emergence of the Ottoman state from a frontier principality into a world empire in its social, political and cultural dimensions. Topics include pre-Ottoman Anatolia; frontier society; methods of conquest; centralization and institutionalization of power; land regime and peasantry; urbanization; intercommunal relations; religion and learning; architecture and literature. Relations with Byzantium as well as Islamic and European states are examined.

Course Note: This course can meet either the "Pre-1750" or the "Beyond North America" History Concentration requirement. Former course number "HIST 1878A."

This class requires students to enroll in an untimed, placeholder section during registration and to submit time preferences. Sections will be assigned immediately after registration based on student interest and preferences.

FAS Divisional Distribution: Social Sciences

HIST 33 (1)

The Holocaust

Course ID: 226786

2026 Spring (4 Credits)

This course will examine the Holocaust—"the systematic, state-sponsored persecution and murder of six million Jews by the Nazi regime and its allies and collaborators," to use the United States Holocaust Memorial Museum's concise definition, as well as the persecution and murder of millions of people from other groups: Roma and Sinti ("Gypsies"), disabled people, some Slavic people, Soviet prisoners of war, Black people, and gay, lesbian, bisexual, and transgender people. We will address topics including historical antisemitism, World War I, Weimar Germany, the Nazi rise to power, Hitler's role in the Nazi dictatorship, the persecution and murder of European

Jewry, Jewish responses to persecution, and the attitude of the Allied nations. We will also place the Holocaust in the larger context of mass murder and genocide, and address some of its theological, moral, and political implications.

Course Note: This course meets the "Beyond North America" History Concentration requirement.

This class requires students to enroll in an untimed, placeholder section during registration and to submit time preferences. Sections will be assigned immediately after registration based on student interest and preferences.

HIST 38 (1)

Modern China: 1894-Present

Course ID: 109621
2026 Spring (4 Credits)

No meeting time listed

Arunabh Ghosh

This lecture course will provide a survey of some of the major issues in the history of post-imperial China (1912-). Beginning with the decline of the Qing and the dramatic collapse of China's imperial system in 1911, the course shall examine how China has sought to redefine itself anew over the past one-hundred years. The revolutionary years of 1911, 1949, and 1978 will serve as our three fulcra, as we investigate how China has tussled with a variety of 'isms' (such as republicanism, militarism, nationalism, socialism, and state capitalism) in its pursuit of an appropriate system of governance and social organization. In so doing, we shall also explore the social, economic, cultural, and scientific changes wrought by these varied attempts at state-building.

Course Note: No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement, first-years, and others are welcome.

This course meets the "Beyond North America" History Concentration requirement. Former course number "HIST 1602."

This class requires students to enroll in an untimed, placeholder section during registration and to submit time preferences. Sections will be assigned immediately after registration based on student interest and preferences.

FAS Divisional Distribution: Social Sciences

HIST 39 (01)

Jews in the Modern World

Course ID: 218149
2025 Fall (4 Credits)

MW 0900 AM - 1015 AM

Derek Penslar

A survey of Jewish history over the past three hundred years. The course presents Jews as members of a world civilization that has constantly interacted with, shaped, and been shaped by other civilizations. We focus on three major geographic centers of modern Jewish life: the Middle East and North Africa, Europe, and North America. Topics to be covered include: the impact of modernity on Jewish society; the transformation of Judaism and the formation of secular Jewish identities; new forms of antisemitism; the Holocaust, modern Jewish political movements; and the state of Israel.

Course Note: This course meets the "Beyond North America" History Concentration requirement.

Former course number "HIST 1017."

This class requires students to enroll in an untimed, placeholder section during registration and to submit time preferences. Sections will be assigned immediately after registration based on student interest and preferences.

FAS Divisional Distribution: Social Sciences

HIST 44 (1)

Germany, 1848-1949

Course ID: 110285
2025 Fall (4 Credits)

TR 1030 AM - 1145 AM

Instructor Permission Required

Alison Frank Johnson

German History loomed like a specter over the twentieth century. In the twenty-first century, Americans have been debating the relevance and legitimacy of comparisons between German history and our contemporary world. How useful is German history for understanding our current moment? How might our present-day concerns distort what we see in the past? This course will examine the history of Germans in Europe and elsewhere, starting with the revolutions of 1848 and ending with the separation of Austria, West Germany, and East Germany following the Second World War. Themes will be war, insurrection, and terrorism, revolution and counter-revolution, gender and sexuality, reform, violence, anti-Semitism, racial thinking and racism, and migration.

Course Note: No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement and first-years are welcome.

This course meets the "Beyond North America" History Concentration requirement.

Former course number "HIST 1265."

This class requires students to enroll in an untimed, placeholder section during registration and to submit time preferences. Sections will be assigned immediately after registration based on student interest and preferences.

FAS Divisional Distribution: Social Sciences

HIST 46 (01)

Life after Hitler: How Decolonization and Global Cold War Shaped Germany after WW2

Course ID: 220158
2026 Spring (4 Credits)

No meeting time listed

David Spreen

This course surveys the political, cultural, and social history of the three Germanies following Germany's defeat in 1945. We will explore a multitude of different perspectives within and about German history. Students will learn about the ways in which identity, belonging, and "Germanness" were negotiated and renegotiated in the postwar period. To this end, the course will embed Germany's Cold War in the broader contexts of the postwar order, the liberation of Europe's former colonies, and the violent and economic upheavals of the global Cold War.

Course Note: No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement, first-years, and others are welcome.

This course meets the "Beyond North America" History Concentration requirement. Former course number "HIST 1115."

This class requires students to enroll in an untimed, placeholder section during registration and to submit time preferences. Sections will be assigned immediately after registration based on student interest and preferences.

FAS Divisional Distribution: Social Sciences

HIST 47 (1)

The Cold War

Course ID: 226624
2026 Spring (4 Credits)

No meeting time listed

Serhii Plokhii

This course introduces students to major topics in Cold War history. It begins with a discussion of the diplomatic legacy of the two world wars, proceeds to an analysis of postwar rivalry between the United States and the Soviet Union, and ends with the fall of the Berlin Wall (1989), the disintegration of the Soviet Union (1991), and the making of the post-Cold War world order. The course discusses the major crises of the Cold War era, focusing on the role of diplomacy in preserving peace between the two nuclear superpowers. While its main emphasis is on government and society in the United States and the Soviet Union, lectures and readings will also cover aspects of the political, economic, social, and cultural history of other lands involved in the great-power rivalry, including the countries of Eastern Europe, the Far East, the Middle East, and Central America. Special attention will be paid to the role of ideology and culture in Cold War rivalry. Class discussions will be based on an analysis and interpretation of primary sources.

Course Note: This course meets the "Beyond North America" History Concentration requirement.

This class requires students to enroll in an untimed, placeholder section during registration and to submit time preferences. Sections will be assigned immediately after registration based on student interest and preferences.

HIST 55 (1)

Early Modern Europe, 1450-1789

Course ID: 107973
2025 Fall (4 Credits)

TR 0130 PM - 0245 PM

Jin-Woo Choi

This course is an introductory survey of European Early Modern history, from the fifteenth to the late eighteenth century. Organized chronologically and thematically, it examines developments from the late Middle Ages to the Age of Revolutions, including the passage from feudalism to urban institutions, the Renaissance, European Expansion overseas, the Protestant and the Catholic Reformations, the Scientific Revolution, the Rise of Absolutism, slavery, the Enlightenment, and Revolutions. Meetings will alternate between lecture and discussion

of primary sources (available in English translation).

Course Note: No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement and first-years are welcome.

This course meets the "Pre-1750" History Concentration requirement.

Former course number "HIST 1155."

This class requires students to enroll in an untimed, placeholder section during registration and to submit time preferences. Sections will be assigned immediately after registration based on student interest and preferences.

FAS Divisional Distribution: Social Sciences

HIST 56 (1)

Coffee and the Nighttime: History and Politics, 1400-2020

MW 0130 PM - 0245 PM

Cemal Kafadar

Since the fifteenth century, individuals and societies in different parts of the world adopted a gradually but unmistakably quickening tempo in their everyday lives and started to make more uses of the nighttime –for socializing, for entertainment, and for work. In this reconfiguration of the architecture of day and night, people turned to various psychotropic substances such as coffee to help them better manipulate times of activity and repose. They have also created new social institutions such as coffeehouses, which turned into public spaces for engagement with new forms of arts and politics. The course offers a history of these developments until our own time of "living 24/7" in terms of their social, economic and political consequences. Biological aspects such as addiction and pressures on our circadian rhythms will also be explored in the context of histories of sleep and nocturnal activity.

Course Note: This course meets the "Pre-1750" and "Beyond North America" History Concentration requirement.

Former course number "HIST 1018."

This class requires students to enroll in an untimed, placeholder section during registration and to submit time preferences. Sections will be assigned immediately after registration based on student interest and preferences.

FAS Divisional Distribution: Social Sciences

HIST 57 (1)

Empire, Nation, Partition: Modern South Asia in Global Perspective

No meeting time listed

Sugata Bose

An analytical survey of the Mughal, British and late Ottoman empires; anti-colonial nationalism in South Asia and its connections with freedom struggles elsewhere in the world; the partitions of India, Ireland and Palestine at the moment of British decolonization in comparative perspective; and their long shadow on post-colonial history.

Course Note: This course meets the "Beyond North America" History Concentration requirement.

This class requires students to enroll in an untimed, placeholder section during registration and to submit time preferences. Sections will be assigned immediately after registration based on student interest and preferences.

HIST 58 (01)

Palestine: 1,000 Years

TR 1030 AM - 1145 AM

Rosie Bsheer, Cemal Kafadar

Covering a whole millennium and beyond, this course privileges the long history of Palestine in order to center the continuities and breaks in the region's past and how these shaped people's everyday lives. The course takes off in the early medieval period with the Islamic conquests and moves through five centuries of Ottoman rule. The last third begins with Ottoman Palestine before and after Jewish settlement in the late-nineteenth century then proceeds to the emergence of nationalism, British colonial domination, the Nakba, the formation of the state of Israel and its aftermath, and the trajectory of the Palestinian struggle for national liberation.

Course Note: No prior college level history is required. Students seeking to fulfill their distribution requirement and first year students are welcome.

This course meets the "Beyond North America" History Concentration requirement.

Course ID: 207532

2025 Fall (4 Credits)

Course ID: 226389

2026 Spring (4 Credits)

Course ID: 226263

2025 Fall (4 Credits)

This class requires students to enroll in an untimed, placeholder section during registration and to submit time preferences. Sections will be assigned immediately after registration based on student interest and preferences.

FAS Divisional Distribution: Social Sciences

HIST 62 (1)

Course ID: 109423
2025 Fall (4 Credits)

African Diaspora in the Americas

TR 0900 AM - 1015 AM

Vincent Brown

Africans and their descendants in the Americas have drawn upon their experiences to create enduring cultural forms that seem simultaneously to be thoroughly American and distinctly African. How can we best understand these diverse cultural practices? From where did they derive? How are they related to each other? The course explores how transnational affinities have been articulated, debated, and put to use from the Transatlantic slave trade to the present.

Course Note: No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement, first-years, and others are welcome.

This course meets the "North America" History Concentration requirement. Former course number "HIST 1412." This class requires students to enroll in an untimed, placeholder section during registration and to submit time preferences. Sections will be assigned immediately after registration based on student interest and preferences.

FAS Divisional Distribution: Social Sciences

HIST 63 (01)

Course ID: 220135
2026 Spring (4 Credits)

Afro-Indigenous Intersections in Early America

TR 0130 PM - 0245 PM

Tiya Miles

In ways both charged and complex, Native Americans and African Americans together contributed the ground/work of the U.S. nation and the European colonies that preceded it. This course traces intertwined historical lines among Indigenous peoples and African-descended people within the borders of the present-day United States. We will discuss multiple regions, tribal nations, Black communities, and "mixed-race" families across the seventeenth, eighteenth, and nineteenth centuries as well as contemporary memories, representations, and political dilemmas stemming from histories of colonization, enslavement, environmental degradation, and resistance. We will explore contacts, conflicts, relationships, collaborations, meanings of this multifaceted history to communities now, and historical aspects of Afro-futuristic and Indigenous-futuristic imaginings. Our readings will include primary documents, historical studies, cultural studies, memoirs, and novels.

Course Note: This course meets the "North America" History Concentration requirement. Former course number "Hist 1014."

This class requires students to enroll in an untimed, placeholder section during registration and to submit time preferences. Sections will be assigned immediately after registration based on student interest and preferences.

FAS Divisional Distribution: Social Sciences

HIST 68 (1)

Course ID: 212669
2026 Spring (4 Credits)

The 20th Century United States: Politics, Society, Culture

No meeting time listed

Lisa McGirr

This course charts key developments in the history of the 20th century United States beginning with United States emergence as a leader of global capitalism. Topics include World War I, twenties culture wars, the New Deal, World War II, the Cold War, sixties social movements, neo-liberalism, and the rise of mass incarceration. The contest over the meaning of American freedom at all levels of American society—from Congressional debates to the picket line—forms a central theme. The course includes discussion of high and low politics, political economy, and shifting patterns of culture. The course has two goals: First, to provide the foundational knowledge about past political struggles that will help students understand the roots of issues still wrestled with today; and second to introduce students to historical thinking and interpretation through the analysis of primary and secondary sources. No prerequisites are required and the course is open to all undergraduates.

Course Note: No prior college level History is required or assumed. Students seeking to fulfill their Social Sciences distribution requirement, first-years, and others are welcome.

This course meets the "North America" History Concentration requirement. Former course number "HIST 1002." This class requires students to enroll in an untimed, placeholder section during registration and to submit time preferences. Sections will be assigned immediately after registration based on student interest and preferences.

FAS Divisional Distribution: Social Sciences

HIST 70 (1)

The History of Sub-Saharan Africa to 1860

Course ID: 124404
2026 Spring (4 Credits)

No meeting time listed

Emmanuel Akyeampong

Survey of sub-Saharan Africa to 1860, with attention to the range of methodologies used in writing early African history, including oral history, archaeology, and anthropology. Will address themes of the impact of climate change on migration and settlement, trade and commerce, state formation, slavery, and the impact of Islam and Christianity on the continent. Will provide a methodological and historiographical framework in which more specific historical processes and events may be placed and understood.

Course Note: This course meets the "Beyond North America" History Concentration requirement. Former course number "HIST 1700."

This class requires students to enroll in an untimed, placeholder section during registration and to submit time preferences. Sections will be assigned immediately after registration based on student interest and preferences.

FAS Divisional Distribution: Social Sciences

HIST 76 (01)

The History of Energy

Course ID: 224204
2025 Fall (4 Credits)

TR 1030 AM - 1145 AM

Ian J. Miller

Modern life is defined by our use of energy: fossil fuels, hydroelectricity, nuclear power, renewables. These forms of energy power modern economies, politics, and everyday life. They heat and cool our homes, cook our food, enable our work, and illuminate the device you are almost certainly using to read these very words. Humanity's seemingly boundless appetite for energy has also remade global climate. This course tracks the development of modern energy history from the advent of age of coal to the present day, with special attention to the intersections between social change and energy systems. Our primary focus will be on the emergence of what some scholars call "fossil fuel civilization"; its costs, benefits, and prospects. Our approach is historical rather than economic or technical. We will read primary documents, place today's news in context, and craft our own narratives of historical change. This is an introductory course to a big topic. As such, it will demand your time and dedication. No prerequisites or specialist knowledge needed.

Course Note: This course meets the "Beyond North America" History Concentration requirement.

Former course number "HIST 1611."

This class requires students to enroll in an untimed, placeholder section during registration and to submit time preferences. Sections will be assigned immediately after registration based on student interest and preferences.

FAS Divisional Distribution: Social Sciences

HIST 83 (1)

Heidegger's Being and Time

Course ID: 226274
2025 Fall (4 Credits)

TR 0900 AM - 1015 AM

Peter Gordon

Martin Heidegger's famous first book, *Being and Time*, is one of the most important philosophical works of the twentieth century. It existentializes Aristotle's ontology, systematizes the existential insights of Kierkegaard and Nietzsche, and on that basis offers a radical critique of Husserl's phenomenological account of intentionality. The result is a dramatically original and compelling interpretation of the human condition. This interpretation leads, in turn, to an account of the nature of philosophical and scientific inquiry, as well as their limitations. *Being and Time* has important implications for all those disciplines that study human beings. In this course we will explore major themes of this often bewildering work, with an emphasis on charitable interpretation: What is the relationship between theoretical knowledge and understanding-by-doing? What is the nature of our social being? What does it mean to be 'inauthentic' or 'authentic,' and what are the implications of human finitude? Finally, what is the 'Question of Being'?

Course Note: This course is equivalent to Phil. 138. Credit may be earned for History 83 or Phil. 138, but not both.

This course meets the "Beyond North America" History Concentration requirement.

This class requires students to enroll in an untimed, placeholder section during registration and to submit time preferences. Sections will be assigned immediately after registration based on student interest and preferences.

FAS Divisional Distribution: Social Sciences

HIST 86 (1)

Race and Public Health Crises: From TB to AIDS to COVID-19

TR 1200 PM - 0115 PM

george aumoithe

This course explores the complex interplay between race and public health crises, from tuberculosis to AIDS and COVID-19. Students will examine the visual culture of epidemics, critically analyze systems of racial classification, and study the work of influential sociologists, political scientists and historians of medicine and public health. The course challenges students to question the racial epistemology underlying epidemiological research and practice, fostering a deeper understanding of how race has shaped and has been shaped by public health responses from the 19th century to the present. By engaging with diverse materials and perspectives, students will develop critical tools to analyze racial health disparities and their societal implications, both in historical contexts and amid contemporary health challenges.

Course Note: This course is equivalent to AMRAFER 86 and HISTSCI 1465. Credit may be earned for HIST 86, AFRAMER 86, or HISTSCI 1456, but only once.

This course meets the "Beyond North America" History Concentration requirement.

This class requires students to enroll in an untimed, placeholder section during registration and to submit time preferences. Sections will be assigned immediately after registration based on student interest and preferences.

Requires: Anti-Requisite: Cannot be taken for credit if HISTSCI 1456 or AFRAMER 86 already complete.

FAS Divisional Distribution: Social Sciences

HIST 89 (1)

Critical Theory

TR -

Peter Gordon

Max Horkheimer once observed that critical theory is animated by "the materialist content in the Idealist concept of reason." This course explores the tradition of Frankfurt School critical theory in all of its various strands over the past century. Though often identified a species of 'Western' or Hegelian Marxism, the philosophical and sociological school of critical theory has developed and diversified in manifold ways. It is unified chiefly by its attempt to identify and rectify the pathologies of bourgeois modernity by examining systemic problems of capitalist society such as reification, commodification, repression, and instrumental reason. Readings will include selections from representative authors such as Lukács, Horkheimer, Benjamin, Adorno, Marcuse, Habermas, Jaeggi, and Forst.

Course Note: This course is equivalent to Phil. 135. Credit may be earned for History 89 or Phil. 135, but not both.

This course meets the "Beyond North America" History Concentration requirement.

This class requires students to enroll in an untimed, placeholder section during registration and to submit time preferences. Sections will be assigned immediately after registration based on student interest and preferences.

HIST 91R (1)

Supervised Reading and Research

No meeting time listed

Mary Lewis

Limited to juniors and seniors. Students wishing to enroll must petition the DUS for approval, stating the proposed project, and must have the consent of the proposed instructor. Ordinarily, students are required to have taken some course work as background for their project. Students must submit a complete petition with

Course ID: 110758
2026 Spring (4 Credits)

Instructor Permission Required

instructor approval to the ADUS in order to enroll in 91R.

FAS Divisional Distribution: Social Sciences

HIST 91R (1)

Supervised Reading and Research

Course ID: 110758
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Ian J. Miller

Limited to juniors and seniors. Students wishing to enroll must petition the DUS for approval, stating the proposed project, and must have the consent of the proposed instructor. Ordinarily, students are required to have taken some course work as background for their project. Students must submit a complete petition with instructor approval to the ADUS in order to enroll in 91R.

FAS Divisional Distribution: Social Sciences

HIST 97B (1)

"What is Intellectual History?"

Course ID: 109927
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Ann Blair

Intellectual historians study almost every period, place, and theme in human history: from classical times to the present, from Asia to the Americas, by examining philosophy and religion, social and political thought, literature and art, and other expressions of human agency and intention that range from ancient epics to graphic novels. This section will draw examples from a wide range of moments and regions to ask how intellectual history has developed as a field, what methods it uses, and how it can be distinguished from other forms of history even as it informs debates of interest to all historians.

Course Note: Required of all History concentrators in the spring term of their sophomore year and open to all secondary field students. This course may not be audited or taken Pass/Fail. It enrolls prior to shopping period through the History concentration. Please contact the ADUS in History if you wish to enroll without being a concentrator in History.

FAS Divisional Distribution: Social Sciences

HIST 97G (1)

"What is Legal History?"

Course ID: 110444
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Myisha Eatmon

Legal historians study the rules and practices that have regulated human societies in the past and seek to understand both change and continuity in legal behavior. The history of law comes in many different flavors, ranging from highly technical studies of positive law to histories of justice both afforded and denied. This section introduces students to the art of legal history through the close reading of individual cases, emphasizing the skills required to set those cases in appropriate historical contexts.

Course Note: Required of all History concentrators in the spring term of their sophomore year and open to all secondary field students. This course may not be audited or taken Pass/Fail. It enrolls prior to shopping period through the History concentration. Please contact the ADUS in History if you wish to enroll without being a concentrator in History.

FAS Divisional Distribution: Social Sciences

HIST 97M (1)

"What is International History?"

Course ID: 207519
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Erez Manela

How states interact has always been a defining question of politics. How do they keep peace and why do they go to war? How do they determine their territorial, legal, and economic borders? And can they agree to common rules – about trade, the environment, immigration, or human rights? This course will explore major themes,

events, and questions of international history to understand the emergence of some of the most complex problems of modern international politics.

Course Note: Required of all History concentrators in the spring term of their sophomore year and open to all secondary field students. This course may not be audited or taken Pass/Fail. It enrolls prior to shopping period through the History concentration. Please contact the ADUS in History if you wish to enroll without being a concentrator in History.

FAS Divisional Distribution: Social Sciences

HIST 99A (1)

Senior Thesis Tutorial

W 0600 PM - 0845 PM

Carla Heelan

Course ID: 116853

2025 Fall (4 Credits)

Instructor Permission Required

Researching and writing the senior thesis in History. Part one of a two-part series.

Course Note: Required of, and ordinarily limited to, seniors completing the History concentration's thesis program. Permission must be obtained from the Tutorial Office.

FAS Divisional Distribution: Social Sciences

Full Year Course: Divisible Course

HIST 99B (1)

Senior Thesis Tutorial

W 0600 PM - 0845 PM

Carla Heelan

Course ID: 159975

2026 Spring (4 Credits)

Instructor Permission Required

Researching and writing the senior thesis in History. Part two of a two-part series.

Course Note: Required of, and ordinarily limited to, seniors completing the History concentration's thesis program. Permission must be obtained from the Tutorial Office.

FAS Divisional Distribution: Social Sciences

Full Year Course: Divisible Course

HIST 115 (1)

Amsterdam. Portrait of an early modern metropolis

T 0300 PM - 0500 PM

Course ID: 226397

2025 Fall (4 Credits)

Instructor Permission Required

This course introduces students to early modern urban life by examining one of Europe's largest metropolises. During the 17th century, Amsterdam rapidly transformed into Europe's global trading hub and political powerhouse of the emerging Dutch Republic. It nurtured some of the period's greatest luminaries, including Rembrandt, Descartes and Spinoza. Long celebrated for its religious tolerance, artistic innovation and economic modernity, Amsterdam's golden age also became notorious for its involvement with slave trade and military repression in Asia, Africa, and the Americas. This course seeks to probe these ambiguous characteristics of the city and to identify their possible interconnections. For this purpose, we will assess a variety of written and visual source material, including pamphlets, diaries and travel accounts as well as prints, paintings and material objects. These sources will enable students to gain a deeper understanding of early modern urban culture and to consider the use of visual evidence in historical scholarship. Classes on civic republicanism, religious diversity, and global migrations will alternate with sessions on the home, consumption, and gender. The course will make extensive use of the rich Dutch art collections of the Harvard Art Museums and Boston's Museum of Fine Arts.

Course Note: This course meets the "Beyond North America" History Concentration requirement.

This course will be taught by Visiting Erasmus Professor Dr. G.H. (Geert) Janssen

FAS Divisional Distribution: Social Sciences

HIST 116 (1)

Why Do Native People Matter?: History and the Politics of Making It

No meeting time listed

Course ID: 226492

2026 Spring (4 Credits)

Instructor Permission Required

Historians of North America have traditionally discounted the histories of Indigenous peoples who have called its many environs home since time immemorial. This is certainly the case for scholars of United States history. As Western Shoshone scholar Ned Blackhawk has written, "Indigenous absence has long been a tradition of American historical analysis... exiled from the American origin story, Indigenous peoples await the telling of a history that includes them." With Blackhawk's words in mind, this course asks an essential question: why do Native people matter to US history? In pursuing an answer to this question, this seminar will focus on aspects of Indigenous sovereignty, race, gender, and environments in the process of U.S. expansion and grapple with the ways in which these struggles over land and sovereignty shaped the United States through the production of its history. Students will engage with the histories of various periods in "Native American history" and historians' (academic and lay) assessments of them to understand the practice of writing history as itself being a political process, integral to the very phenomenon examined in class. Over the semester, students will utilize museum collections in the Harvard Peabody Museum and Harvard Archives, and explore a range of methods in the discipline of history to grapple with and ultimately re-narrate the Native history of Harvard University.

Course Note: This course meets the "Beyond North America" History Concentration requirement.

HIST 117 (1)

The 'Settler Revolution' at the Edge of Empire: Australia, 1770-1901

R 1245 PM - 0245 PM

Course ID: 226399
2025 Fall (4 Credits)

Instructor Permission Required

Geographically tucked away at the southern confluence of the Pacific and Indian oceans, Australia occupies a portion of the globe easily dismissed as an historical outlier. But it is of cardinal importance to comprehending the outbreak of the 'Settler Revolution' that came on the heels of the great material and political convulsions of the late eighteenth century. Though lesser known than its American, French or Industrial counterparts, the mass exodus of willing (and unwilling) migrants in the wake of the Napoleonic Wars was no less revolutionary in its impact. The formidable scale, unprecedented reach and dogged persistence of this global phenomenon are by no means self-explanatory. Fundamental to making sense of 'settlerism' is the concept of global modernity – that potent mix of technological innovation, economic dynamism, hypermobility and destructive physical force that transformed the nineteenth-century world. Though the term itself is contested (and its core characteristics disputed) few would deny the step change in long-range capabilities that made colonizing the farthest ends of the earth a viable proposition. Fundamental to making sense of 'settlerism' is the concept of global modernity – that potent mix of technological innovation, economic dynamism, hypermobility and destructive physical force that transformed the nineteenth-century world. Though the term itself is contested (and its core characteristics disputed) few would deny the step change in long-range capabilities that made colonizing the farthest ends of the earth a viable proposition. Fundamental to making sense of 'settlerism' is the concept of global modernity – that potent mix of technological innovation, economic dynamism, hypermobility and destructive physical force that transformed the nineteenth-century world. Though the term itself is contested (and its core characteristics disputed) few would deny the step change in long-range capabilities that made colonizing the farthest ends of the earth a viable proposition.

Course Note: This course meets the "Beyond North America" History Concentration requirement.

This course will be taught by Visiting Australian Studies Professor Dr. Stuart James Ward

FAS Divisional Distribution: Social Sciences

HIST 120 (1)

Atlantic Slave Wars

R 1245 PM - 0245 PM

Vincent Brown

Course ID: 216003
2025 Fall (4 Credits)

Instructor Permission Required

This course explores how the violence of imperial expansion and transatlantic enslavement remade the history of Europe, Africa, and the Americas. European imperial conflicts extended the dominion of capitalist agriculture. African battles fed captives to the transatlantic trade in slaves. Masters and their subalterns struggled with one another continuously. These clashes amounted to a borderless slave war: war to enslave, war to expand slavery, and war against slaves, precipitating wars waged by the enslaved against slaveholders, but also between slaves themselves. Examining how conflicts in one part of the world travel and take root in another will enhance our understanding of the relationship between European, African, and American history.

Course Note: This course meets the "North America" History Concentration requirement. Former course number "HIST 12G."

FAS Divisional Distribution: Social Sciences

HIST 123 (1)

Immigrant Justice Lab

No meeting time listed

Jesse Hoffnung-Garskof

Course ID: 222202

2026 Spring (4 Credits)

Instructor Permission Required

This course trains and supports teams of undergraduates to contribute research and writing for asylum applicants represented by attorneys at the Mabel Center for Immigrant Justice. The course operates on four parallel tracks. The first is basic training in asylum law. The second involves a mixture of collaborative planning, research writing and editing about the history of the societies from which our asylum seekers have fled.

Students will be divided into teams and assigned case facts. They will generate research questions, build dossiers of research materials, and draft legal briefs relating their research findings to the pertinent questions in asylum law. The third involves reflection and on the ethical practice of legal advocacy, and responsible depictions of violence and injustice in foreign cultures. Fourth, students will participate actively in planning, building, and nurturing a partnership between an academic institution and a community-based organization.

Course Note: The fall 2023 course, History 1016/History 23: "Immigration Law: A History of the Present," is a prerequisite for enrolling in this course. Students will not be able to enroll without History 1016/ History 23 appearing on their transcript.

This course meets the "Beyond North America" History Concentration requirement. Former course number "HIST 16A."

FAS Divisional Distribution: Social Sciences

HIST 132 (1)

Travelers in the Byzantine World

W 0345 PM - 0545 PM

Dimitar Angelov

Course ID: 108055

2025 Fall (4 Credits)

Instructor Permission Required

This seminar is based on the fascinating firsthand accounts of travelers who visited Constantinople and other areas of Byzantine world. The texts will generate questions for discussion and research on a wide range of issues, such as Byzantine civilization, cross-cultural contacts in the Middle Ages, the practice and experience of travel, and the interrelationship of travel, ethnography, and politics. Sources will be chosen from among the works of western, Islamic, Jewish, and Russian travelers.

Course Note: This course meets the "Pre-1750" and "Beyond North America" History Concentration requirement.

Former course number "HIST 80G."

FAS Divisional Distribution: Social Sciences

HIST 137 (1)

A History of Love: Modern South and Southeast Asia

T 0300 PM - 0500 PM

Sudarshana Chanda

Course ID: 226396

2025 Fall (4 Credits)

Instructor Permission Required

How do we study a history of love? And how does love manifest and endure across boundaries? In this seminar we will ask how Asians, mainly from South and Southeast Asia, pursued boundary crossing love in Asia and in the diaspora in the 19th and 20th centuries. Moving thematically after an introductory week, we will study how love manifests across various boundaries, such as ethnicity, race, religion, caste, gender/sex. By looking at a range of primary sources – love letters, matrimonial advertisements, podcasts, short stories, and films – we will think critically through ideas of love and how they have been articulated.

Course Note: This course meets the "Beyond North America" History Concentration requirement.

FAS Divisional Distribution: Social Sciences

HIST 160 (1)

Abolitionist Women and Their Worlds

T 1245 PM - 0245 PM

Tiya Miles

Course ID: 216001

2025 Fall (4 Credits)

Instructor Permission Required

What was life like for women who stood at a major crossroads of history? What was required, in tumultuous times, to think and act boldly? This course focuses on women from diverse racial and regional backgrounds who labored to abolish slavery in the United States and then enlarged their political visions to include a range of

progressive causes: racial equality, temperance, black suffrage, and women's suffrage. We will explore the texture of women's experiences in the 19th century, the conditions that gave rise to multifaceted societal change, and the ways in which that change unfolded. Finally, our course will consider how these women's stories are remembered in present-day public culture and whether knowledge of this era can play a role in the urgent societal issues of our own time.

Course Note: This course meets the "North America" History Concentration requirement.

Former course number "HIST 12M."

FAS Divisional Distribution: Social Sciences

HIST 161 (1)

Harvard and Native Lands

No meeting time listed

Philip Deloria

Course ID: 220261

2026 Spring (4 Credits)

Instructor Permission Required

Harvard's beginnings included a promise to educate both "English and Indian youth," but from its outset Harvard's endowment included Native lands expropriated through war, theft, and coercion. This class will conduct original research on these histories, seeking to contribute a new understanding of Harvard's institutional development and its historic and continuing impact on Native American peoples. We will work hands-on with Harvard's archives, developing research skills in navigating collections, reading early handwriting, and interpreting colonial documents. We will situate our research in readings and class activities on New England colonialism, the long history of European and U.S. dispossession of Native lands, and the political struggles of Native American communities today. Through close examinations of texts including poems, speeches, short stories, and deeds, we will explore the centrality of land and environment in colonial writings and in Native literature today. Our course will result in two products: working collaboratively, we will produce both a new database of Harvard land transactions and a set of detailed research projects on individual sites. Drawing inspiration from Harvard's own Legacy of Slavery initiative and the Land-Grab Universities website, we hope to come up with both new data and new narratives for describing Harvard's pasts and possible futures.

Course Note: This course meets the "North America" History Concentration requirement. Former course number "HIST 15H."

FAS Divisional Distribution: Social Sciences

HIST 162 (1)

Oral Histories of Asian America: Migration, Memory, Method

No meeting time listed

Will Sack

Course ID: 226493

2026 Spring (4 Credits)

Instructor Permission Required

The history of Asian America is encoded in memory and family stories, as well as written documents. This course empowers students to engage that history through oral methods. It discusses best practices as well as key cases and themes in the history of Asian American activists and historians' use of oral history. By the end of the course, you will have conducted one oral history interview and built a skillset that can serve as the basis of a senior thesis. At the same time, oral history methods support community engagement in countless ways and can serve for a lifetime.

Course Note: This course meets the "Beyond North America" History Concentration requirement.

HIST 165 (01)

Asian American Women in the Archive: Schlesinger Library Immersive Course

M 1245 PM - 0245 PM

Erika Lee

Course ID: 224506

2025 Fall (4 Credits)

Instructor Permission Required

Asian Americans are the fastest growing group in the US, yet the long and diverse histories of Asian Americans, especially Asian American women, have often been absent from the research and teaching of American history. Much of this invisibility is due to the absence of Asian American women in the archives that historians traditionally use to write history. Asian American women's experiences of migration, labor, and activism can be particularly hard to find in institutional archives. When they do appear, their lives have often been recorded by outsiders and under conditions and constraints of state surveillance or patriarchal family structures and ideologies. Yet, new historical scholarship and new efforts to collect and preserve the records of Asian American women in community-based and institutional archives have revealed their strength, resilience, and

transformative power in shaping their own lives and impacting change within local, national, and transnational contexts.

Course Note: This course meets the "North America" History Concentration requirement.

Former course number "HIST 16S."

FAS Divisional Distribution: Social Sciences

HIST 167 (1)

Race, Gender, and the Law Through the Archive

W 1245 PM - 0245 PM

Myisha Eatmon

Course ID: 222186

2025 Fall (4 Credits)

Instructor Permission Required

From First Lady Michelle Obama to political mastermind Stacy Abrams to Vice President Kamala Harris, Black women have left their stamp on 21st-century politics and grassroots organizing. But, as historian Martha S. Jones (and many others) has shown, Black women have always been at the "vanguard" of affecting positive change in American society. This course sets out to look back to the 20th century to examine conditions under which Black women lived in the early days of Jim Crow and the role that Black women and non-binary people have played in shaping politics, grassroots organizing, the legal bar, and higher education during Jim (Jane) Crow and beyond. Through the archive and the personal papers of Pauli Murray, June Jordan, Angela Davis, and Flo Kennedy, we will see the human side of these themes and the Black Freedom Struggle. What did life look like for Black women during the Nadir? How did these people navigate gender and sexuality while pushing for civil rights? How did gender, sexuality, and intersectionality impact their political ideologies? Though many scholars argue that the law is autonomous, Critical Legal Studies scholars and Critical Race theorists argue that the law is subjective. In "Race, Gender, and the Law through the Archive," students will see the subjectivity of the Black women and non-binary people who helped push for social and legal reform. Some of these women/people shaped the law as attorneys (Pauli Murray and Flo Kennedy). In contrast, others shaped the law and visions of freedom through their activism (Murray, Kennedy, Angela Y. Davis, and June Jordan), teaching (Davis), and art (Jordan). Through their avenues of influence, all of these women/people, whose papers are housed at Harvard's Schlesinger Library, wielded the law or helped shape it in the twentieth century.

Course Note: This course meets the "North America" History Concentration requirement.

Former course number "HIST 15Y."

FAS Divisional Distribution: Social Sciences

HIST 174 (1)

Power and Protest in the Long 1960s

W 0945 AM - 1145 AM

Lisa McGirr

Course ID: 216116

2026 Spring (4 Credits)

Instructor Permission Required

The 1960s and 1970s witnessed dynamic movements of collective action in the United States and the world. This research seminar charts the key events, actors, ideas and strategies of these movements—from civil rights and black power to women's rights and the conservative movement—and situates them within the central economic, social, and geopolitical developments of the post-World War II period. Students will gain an understanding of why so many different social movements emerged in this moment and explore their trajectories and successes and failures.

Course Note: This course meets the "North America" History Concentration requirement. Former course number "HIST 12L."

FAS Divisional Distribution: Social Sciences

HIST 186 (1)

Moral Economy

T 0300 PM - 0500 PM

Sama Mammadova

Course ID: 226425

2025 Fall (4 Credits)

Instructor Permission Required

How have societies across history reconciled private interest with public good, profit with sustainability, economic necessity with moral obligation? What principles have governed the distribution of wealth and the provision of welfare? This course offers a historical exploration of the concept of moral economy and illuminates the enduring tensions around economic justice, mutual aid, and social responsibility. From regulation of commerce and credit to debates around slavery, colonialism, and environmental risks, this course will investigate the ethical

frameworks that have shaped economic life for centuries. In every class, we will work with a wide array of primary sources, as well as secondary sources from the fields of history, economics, theology, psychology, and anthropology to address pressing contemporary questions: Is it ethical for education and healthcare to leave individuals with lifelong debt, and how should economic policies address this burden? What role should governments play in regulating commerce, administering credit and welfare, and redistributing wealth? Is capitalism inherently at odds with morality? How can businesses balance shareholder interests with ethical responsibilities? And, finally, how does the prism of moral economy illuminate ongoing issues on our own campus, such as Harvard's investment in fossil fuels?

Course Note: This course meets the "Pre-1750" History Concentration requirement.

HIST 187 (1)

Writing Histories of Climate Change

W 1245 PM - 0245 PM

Emma Rothschild, Victor Seow

Course ID: 220075

2025 Fall (4 Credits)

Instructor Permission Required

Explores different ways of writing about the history of climate change. The course will emphasise connections between large-scale data and local or micro-histories. It will consider the causes of human-induced climate change in particular places and times, and ways of averting them. Students will write short texts drawing on economic history, literature, environmental history, the history of science, and opinion writing.

Course Note: The course is open to all undergraduate students, 1st and 2nd-year students as well as juniors and seniors.

This course meets either the "Beyond North America" or the "North America" History Concentration requirement, but not both.

Former course number "HIST 15E."

FAS Divisional Distribution: Social Sciences

HIST 1800 (1)

A Critical Introduction to the Study of the Middle East

M 1200 PM - 0245 PM

Jesse Howell

Course ID: 220729

2025 Fall (4 Credits)

Instructor Permission Required

This course introduces students to the medieval and modern history of the Middle East while exploring diverse theoretical frameworks, methodological approaches, and critical debates in the field of Middle East studies. Beginning with the idea of "the Middle East" itself, various aspects of the field will be scrutinized from the perspective of different disciplines and methodologies. Readings and discussions will also focus on key categories of analysis such as orientalism, modernity, capitalism, gender, (post)colonialism, nationalism, anthropocene.

FAS Divisional Distribution: Social Sciences

HIST 1901 (1)

Nationalism, Political Independence, and Economic Development in Africa

No meeting time listed

Emmanuel Akyeampong

Course ID: 220134

2026 Spring (4 Credits)

Instructor Permission Required

This course examines the nature of African nationalism, the attainment of political independence in the mid-20th century, and the challenge of economic development. It transcends the Western paradigms by which African nationalism has been understood to interrogate African histories and the oral and visual cultures that have shaped nationalism, and the culture of power that has informed African understandings and expectations of sovereignty. The first two decades of independence witnessed the popular endorsement of the "developmental" state, which had rapid economic growth as its objective. The failure of the developmental state, both socialist and capitalist, overlapped with the rise of authoritarianism, and ushered in Africa's lost decade of the 1980s – one of marked decline in agricultural productivity and reverses in industrialization. The informal economy assumed a dominant position in most African national economies. In the post-1980s, the West, and now Asia, have assumed leading roles in Africa's developmental agenda. Why has "development" proved so elusive in Africa?

Course Note: This course meets the "Beyond North America" History Concentration requirement & can be used

to meet the seminar requirement.

FAS Divisional Distribution: Social Sciences

HIST 1926 (1)

Decolonization: An Unfinished History

Course ID: 226400
2026 Spring (4 Credits)

Instructor Permission Required

This course marks the centenary of decolonization by surveying its key characteristics and historical trajectories since the interwar years. It presents an opportunity for students to enhance their conceptual toolkit and gain a critical purchase on one of the defining themes of twentieth-century world history. Decolonization took on a variety of shapes and forms in different settings at different times, and thus the course will consider its specific modalities across Asia, Africa, Australasia and in Europe itself. It is framed as an 'Unfinished History' because so many of the tensions and contradictions of global decolonization are yet to fully play themselves out. While much of the emphasis will be on decolonization as an evolving historical phenomenon, there will be no shortage of opportunity for reflection on the dilemmas of the contemporary, twenty-first-century world.

Course Note: This course meets the "Beyond North America" History Concentration requirement & can be used to fulfill the seminar requirement.

This course will be taught by Visiting Australian Studies Professor Dr. Stuart James Ward

HIST 1935 (1)

Political Debates in the Empire of New Rome

Course ID: 110448
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Dimitar Angelov

The course investigates the principal political debates in the Eastern Roman (the Byzantine) Empire. Topics for seminar discussion include debates on empire, sovereignty, tyranny, justice, the role of paid public service, and relations with the barbarians. Special attention is paid to the reception of Greek political philosophy. Seminar discussions focus on primary sources in translation (including law, political rhetoric, and history-writing) and the examination of recent trends in modern historiography.

Course Note: This course meets either the "Beyond North America" or the "Pre-1750" History Concentration requirement. It can also be used to fulfill the seminar requirement.

FAS Divisional Distribution: Social Sciences

HIST 1936 (1)

The Rights of Nature

Course ID: 224205
2025 Fall (4 Credits)

T 0600 PM - 0800 PM

Jill Lepore

Can law save the planet? This course, offered jointly at HLS and FAS/GSAS, investigates a legal movement known as the Rights of Nature. Beginning from the premise that existing environmental law is inadequate to the problems of climate change, mass extinction, and habitat loss, this movement proposes strategies that include granting rights to nature through legal personhood and assigning property rights to wildlife. The course explores both the promise and problems with this mode of thought while also excavating the field's origins, which lie in many places, including, importantly, in Indigenous Law.

Course Note: This course meets the "North America" History Concentration requirement.

FAS Divisional Distribution: Social Sciences

HIST 1939 (1)

Economic History of Modern China

Course ID: 207525
2025 Fall (4 Credits)

W 1245 PM - 0245 PM

Instructor Permission Required

Arunabh Ghosh

This conference course offers a close examination of the economic history of modern China set against the background of major debates in the field of world economic history and within the field of modern Chinese history. The approximate time frame covered is from the late eighteenth century to the present. Prior coursework

in Chinese history (in particular on modern China) is recommended but not necessary.

Course Note: This course meets the "Beyond North America" History Concentration requirement.

FAS Divisional Distribution: Social Sciences

HIST 1942 (1)

The Second World War

R 0300 PM - 0545 PM

Erez Manela

Course ID: 226209
2025 Fall (4 Credits)

Instructor Permission Required

The Second World War profoundly shaped 20th century history and its legacies continue to reverberate today. This course will take an expansive approach to the history of the war, both in time and space. We will begin with the legacies of the First World War and how they foreshadowed the next global conflict. We will examine the unfolding and impact of the war not only in Europe but also in Asia and around the globe. Finally, we will look at the war's legacies in the postwar international order, including the emergence of the Cold War and the unfolding of decolonization.

Course Note: This course meets either the "Beyond North America" or the "North America" History Concentration requirement, but not both.

FAS Divisional Distribution: Social Sciences

HIST 1945 (01)

Slavery, the Environment, and Public History

W 1200 PM - 0245 PM

Tiya Miles

Course ID: 212674
2026 Spring (4 Credits)

Instructor Permission Required

Confronting vexed historical meanings and present-day uses of the past is the special charge of public historians. This course explores the theme of slavery in environmental context through the lenses and methods of public history, a field of historical inquiry and applied knowledge production that stresses past-present connections, community engagement, collaborative work, and audiences beyond the academy. As a foundational element in the structure of U.S. society, slavery has made a lasting imprint on social, cultural, political, economic, and ecological relations. Nevertheless, American public culture has avoided sustained exploration of the broad and complex history of racialized slavery and instead maintains a stance of discomfort, distance, and ambivalence. We will discuss change over time in public representations of slavery while also addressing the tensions of collaboration and audience engagement.

Course Note: This course meets the "North America" History Concentration requirement.

FAS Divisional Distribution: Social Sciences

HIST 1953 (01)

Religion and Popular Culture in Modern Europe

R 1245 PM - 0245 PM

Alison Frank Johnson

Course ID: 226205
2025 Fall (4 Credits)

Instructor Permission Required

This seminar (a conference course open to both undergraduate and graduate students) examines the history of Catholic and Protestant religious practice in modern Europe. Our focus will be on popular expressions of religious faith and the way that official church doctrine and ideology affects social and cultural history. Examples will be: pilgrimage, veneration of saints, political parties with religious platforms, religious anti-Judaism and its relationship with racial antisemitism, efforts to combat bigotry, the Catholic and Protestant churches and the Nazi dictatorship.

Course Note: This course meets the "Beyond North America" History Concentration requirement.

FAS Divisional Distribution: Social Sciences

HIST 1956 (01)

History of the Soviet Union Through Film and Literature

W 0300 PM - 0500 PM

Terry Martin, Justin Weir

Course ID: 226216
2025 Fall (4 Credits)

The course introduces students to Soviet history through several famous works of literature and film. Key periods and events include the Bolshevik Revolution, Civil War, WWII, the post-Stalin Thaw, the Brezhnev years, Glasnost' and Perestroika, and the dissolution of the Soviet Union. Along with short historical readings, we will examine works of popular culture, as well as book and films that were unable to be published and shown until Glasnost' and the post-Soviet period. Among the readings will be Babel's Red Cavalry, Bulgakov's novel The Master and Margarita, and works by Zamyatin, Solzhenitsyn, Alexievich, and others. Films include, for example, works by Vertov, Eisenstein, Tarkovsky, Kalatozov, and Balabanov.

Course Note: This course is equivalent to Slavic 190. Credit may be earned for History 1956 or Slavic 190, but not both.

Open to undergraduates. Open to graduate students with permission of instructors.

This course meets the "Beyond North America" History Concentration requirement.

FAS Divisional Distribution: Social Sciences

HIST 1966 (1)

Asia and Asians at Harvard

T 0945 AM - 1145 AM

Sugata Bose

Course ID: 226386
2025 Fall (4 Credits)

Instructor Permission Required

An exploration of relations between Asia and Euro-America during the long twentieth century through the prism of Asians and the study of Asia at Harvard. Topics and themes to include Asian visitors, faculty and students at Harvard; the University's engagement in the shaping of policy towards Asia; and the institutionalization of Asian studies at Harvard. Students will have the opportunity to craft their own research projects.

Course Note: This course meets the "Beyond North America" History Concentration requirement.

FAS Divisional Distribution: Social Sciences

HIST 1973 (1)

Re-Wilding Harvard

No meeting time listed

Joyce Chaplin

Course ID: 216271
2026 Spring (4 Credits)

Instructor Permission Required

This class uses history to make a difference in the natural world. Rewilding returns a habitat to an earlier form to promote biodiversity; urban rewilding does this within urban spaces. In this class, we will research historical and cultural definitions of wilderness and landscape, identify what precolonialist habitats were like in New England, survey how such places might be restored, and then contribute to a ten-year urban rewilding plan for Harvard, including an outdoor exhibit for the Harvard Museums of Science and Culture and a GIS reconstruction of Harvard's landscape history. The class is open to both graduate students and undergraduates in a broad and relevant range of disciplines and will fulfill conference course credit in the History Department.

Course Note: This course meets the "North America" History Concentration requirement & can be used to fulfill the seminar requirement.

FAS Divisional Distribution: Social Sciences

HIST 1980 (1)

The Soviet Empire, 1917-1991

No meeting time listed

Terry Martin

Course ID: 215999
2026 Spring (4 Credits)

Instructor Permission Required

This course will analyze the Soviet Union as a multi-national state and ask to what extent it functioned as an empire and how its strategies of national rule evolved from the revolution to 1991. It will also analyze Soviet foreign policy towards other Communist states in eastern Europe and in Asia and ask to what extent these were imperial. Finally, it will look at how strategies of domination over non-Russians in the USSR and abroad interacted in the collapse of European Communism.

Course Note: This course meets the "Beyond North America" History Concentration requirement & can be used to fulfill the seminar requirement.

FAS Divisional Distribution: Social Sciences

HIST 1984A (1)

Book history before the modern age

F 1200 PM - 0245 PM

Ann Blair

Course ID: 226248
2025 Fall (2 Credits)

Instructor Permission Required

This course meets every other week across fall and spring semesters. The fall will provide an introduction to recent work in the book history from antiquity to 1800, with an emphasis on Europe and some comparison with Islamic and East Asian contexts. In the spring we will discuss major themes in the field including authorship, commercial and legal regulations, distribution, reading, libraries, and survival rates. Assigned thematic readings will often concern Europe in the handpress era (1450-1800), but for their bibliographical essay (in fall) and final research paper (in spring) students may investigate materials in a pre-modern context of their choice. Designed for graduate students and advanced undergraduates. Students must complete both terms of this course (parts A and B) within the same academic year to receive credit.

Course Note: This course meets the "Pre-1750" History Concentration requirement.

Full Year Course: Indivisible Course

FAS Divisional Distribution: None

HIST 1984B (1)

Book history before the modern age

No meeting time listed

Ann Blair

Course ID: 226249
2026 Spring (2 Credits)

This course meets every other week across fall and spring semesters. The fall will provide an introduction to recent work in the book history from antiquity to 1800, with an emphasis on Europe and some comparison with Islamic and East Asian contexts. In the spring we will discuss major themes in the field including authorship, commercial and legal regulations, distribution, reading, libraries, and survival rates. Assigned thematic readings will often concern Europe in the handpress era (1450-1800), but for their bibliographical essay (in fall) and final research paper (in spring) students may investigate materials in a pre-modern context of their choice. Designed for graduate students and advanced undergraduates. Students must complete both terms of this course (parts A and B) within the same academic year to receive credit.

Full Year Course: Indivisible Course

HIST 1990 (1)

American Legal History: From Reconstruction to the Present

RF 0130 PM - 0330 PM

Laura Weinrib

Course ID: 222232
2026 Spring (4 Credits)

Instructor Permission Required

This course examines major legal and constitutional conflicts in American history beginning with Reconstruction. Topics include law and social movements, the role of the courts, rights consciousness, the legal profession, and legal thought. Students will connect legal texts and legal struggles to broader developments in social, cultural, and political history.

Course Note: This course is jointly-offered with the Harvard Law School as HLS 2519. Enrollment for FAS students is 10. This course will meet on the Harvard Law School Campus.

FAS Divisional Distribution: Social Sciences

HIST 1993 (1)

Introduction to Digital History

R 1200 PM - 0245 PM

Gabe Pizzorno

Course ID: 156564
2025 Fall (4 Credits)

Instructor Permission Required

This course trains students in a range of digital methods used for the acquisition, analysis, and visualization of data in the context of historical research. Beyond developing practical skills, students will learn how to critically evaluate the potential and limitations of new technologies, and how to integrate them into their work in a careful, theoretically informed way. History Concentrators: History 1993 may be counted towards the distribution requirements of the History concentration on request.

HIST 2039 (1)

History from Things: Seminar

R 0300 PM - 0545 PM

Gabe Pizzorno

Course ID: 205145
2026 Spring (4 Credits)

Instructor Permission Required

This seminar focuses on the use of material culture as a primary source for constructing historical narratives that access aspects of the past not covered by written words. We will look closely at how materiality theory relates to the methodologies and conceptual categories used by historians to understand the past. Students will also be trained in the specific skills needed for interpreting material sources. Because material history relies on methodologies and theoretical approaches that transcend the fields that define our discipline, the course's coverage will be broad across both time and space, allowing for participants to explore corpora of materials according to their own interests and expertise.

FAS Divisional Distribution: None

HIST 2055 (1)

Early Medieval History, Archaeology and Archaeoscience: Seminar

M 0300 PM - 0545 PM

Michael McCormick

Course ID: 114862
2025 Fall (4 Credits)

Joint philological analysis of Latin texts, archaeological and scientific evidence illuminating the fall of Rome and the origins of medieval Europe, culminating in a research paper.

Latin, with either German or French, is required. Normally History 2050 and or MS 101.

FAS Divisional Distribution: None

HIST 2080 (1)

Medieval Law

No meeting time listed

Charles Donahue

Course ID: 112622
2026 Spring (4 Credits)

Instructor Permission Required

Readings focused alternately on the English legal tradition and on the Roman-canonical tradition. The topic for 2025-2026 will be the English legal tradition. Short papers analyzing texts will be required but not a research paper.

Course Note: Offered jointly with the Law School as HLS 2166 . This course will meet at the Harvard Law School.

Some Latin required.

FAS Divisional Distribution: Social Sciences

HIST 2271 (1)

The Soviet Union: Proseminar

R 0300 PM - 0545 PM

Terry Martin

Course ID: 122085
2025 Fall (4 Credits)

Introduction to major debates in the historiography of the Soviet Union and late imperial Russia.

FAS Divisional Distribution: None

HIST 2412 (1)

Topics in the History of Atlantic Slavery: Seminar

No meeting time listed

Vincent Brown

Course ID: 123095
2026 Spring (4 Credits)

Will introduce graduate students to major synthetic works on the history of Atlantic slavery, surveying the period between the mid-15th century and the late 19th, and provide them an opportunity to develop original research projects.

FAS Divisional Distribution: None

HIST 2442 (1)

Readings in the History of the U.S. in the 19th Century: Proseminar

T 0945 AM - 1145 AM

Walter Johnson

The second in the sequence of three proseminars required of all graduate students in American history and open to graduate students in other history fields and other departments as space permits.

Course ID: 114882
2025 Fall (4 Credits)

FAS Divisional Distribution: None

HIST 2444 (1)

U.S. Politics and the State in the Twentieth Century: Seminar

R 0300 PM - 0500 PM

Lisa McGirr

Examines approaches to U.S. politics and state-building across the twentieth century. The course looks at seminal debates about the changing character of the American state and American political developments in what has been called by some the "American century." Students will be expected to hone a research question and to write an article length paper on a topic of their choosing.

Course ID: 220074
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Social Sciences

HIST 2446 (1)

History of Civil Liberties

W 0345 PM - 0545 PM

Laura Weinrib

This seminar examines changing understandings of civil liberties in American legal history. It emphasizes legal and ideological contests over the meaning of free speech, religious freedom, civil rights, and reproductive rights during the nineteenth and twentieth centuries. Readings explore the intersection between legal struggles and broader developments in social, cultural, and political history, with a focus on social movement advocacy.

Course Note: This course is jointly-offered with the Harvard Law School as HLS 3092. Enrollment for FAS students is 3. This course will meet on the Harvard Law School Campus.

Course ID: 226785
2025 Fall (4 Credits)

Instructor Permission Required

HIST 2492A (1)

Warren Center Seminar: Labor and Political Economy in U.S. History

M 1245 PM - 0245 PM

Sven Beckert, Joel Suarez

This seminar explores new currents in US labor history and political economy. As part of the Warren Center's faculty fellowship, participants will read new and often unpublished research on labor and working-class life and debate histories and theories of such topics as social reproduction, finance and money, unemployment and informal markets, the environment and the care economy, migration, gender and racism, and the welfare state. In addition to discussing original research, students will also engage with classic and recent cutting-edge labor histories that explore proletarianization, industrialization, deindustrialization, and class formation from the colonial period to the present with an eye towards their transnational dimensions. Students will be guided to write a research paper on any aspect of American labor history. Students must complete both terms of this course (Part A & B) in the same academic year to receive credit.

Course ID: 224283
2025 Fall (2 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

HIST 2492B (1)

Warren Center Seminar: Labor and Political Economy in U.S. History

Course ID: 224284
2026 Spring (2 Credits)

No meeting time listed

Sven Beckert, Joel Suarez

This seminar explores new currents in US labor history and political economy. As part of the Warren Center's faculty fellowship, participants in the seminar will present their original research on labor and working-class life and their intersection with new developments in the histories and theories of social reproduction, finance and money, unemployment and informal markets, the environment and the care economy, migration, gender and racial ideology, and the welfare state. In addition to discussing original research, enrollees will also engage with classic and recent cutting-edge labor histories that explore proletarianization, industrialization, deindustrialization, and class formation from colonial period to the present with an eye towards their local, international, and transnational dimensions. Students must complete both terms of this course (Part A & B) in the same academic year to receive credit.

Full Year Course: Indivisible Course

FAS Divisional Distribution: None

HIST 2638 (1)

Readings in Modern Chinese History: Proseminar

Course ID: 159563
2025 Fall (4 Credits)

M 0300 PM - 0500 PM

Instructor Permission Required

Arunabh Ghosh

This Pro-Seminar will examine developments in the field of modern Chinese history, with a particular focus on the twentieth century. Our principal goal is to gain some familiarity with the historical debates and methodological approaches that have given shaped to the field. Readings will aim to achieve a balance between classics in the field and contemporary scholarship. Topics covered include empire and semi-colonialism, rebellion and revolution, nationalism, civil society and public sphere, economic development, war, science and technology, foreign relations, and foreign relations. This Pro-Seminar is particularly recommended for students planning an examination field in modern Chinese history. Reading knowledge of Chinese is recommended but not a required; students must have some prior coursework in Chinese history.

FAS Divisional Distribution: None

HIST 2651 (1)

Japanese History: Seminar

Course ID: 115288
2026 Spring (4 Credits)

W 0300 PM - 0545 PM

Instructor Permission Required

Andrew Gordon

Students write research papers on topics of their own choosing drawing on sources in Japanese, and other languages as appropriate.

FAS Divisional Distribution: None

HIST 2693 (1)

Modern South Asian and Indian Ocean History and Historiography

Course ID: 226388
2025 Fall (4 Credits)

M 0945 AM - 1145 AM

Instructor Permission Required

Sugata Bose

This seminar is designed as a graduate level examination of trends and debates in historical research and writing on modern South Asia and the Indian Ocean. Topics include different modes of representing the past, culture and power in colonial and nationalist history and historiography, methods and schools of history, the inter-regional and global connections of the subcontinent, and varieties of post-colonial historical writing. Readings include major historical works in this field.

FAS Divisional Distribution: Social Sciences

HIST 2707 (1)

Comparative Slavery & the Law: Africa, Latin America, & the US: Seminar

W 1245 PM - 0245 PM

Emmanuel Akyeampong, Alejandro de la Fuente

Course ID: 159554

2025 Fall (4 Credits)

Instructor Permission Required

This seminar surveys the booming historiographies of slavery and the law in Latin America, the United States, and Africa. Earlier generations of scholars relied heavily on European legal traditions to draw sharp contrasts between U.S. and Latin American slavery. The most recent scholarship, however, approaches the legal history of slavery through slaves' legal initiatives and actions. These initiatives were probably informed by the Africans' legal cultures, as many of them came from societies where slavery was practiced. Our seminar puts African legal regimes (customary law, Islamic law) at the center of our explorations concerning slaves' legal actions in the Americas.

FAS Divisional Distribution: Social Sciences

HIST 2885 (1)

Introduction to Archival Research in Ottoman History: Proseminar

No meeting time listed

Cemal Kafadar

Course ID: 120701

2026 Spring (4 Credits)

A survey of archival collections related to Ottoman history. Introduction to the archives of the central government, pious endowments, provincial administrations, and court records.

Reading knowledge of Turkish.

FAS Divisional Distribution: None

HIST 2950A (1)

Approaches to Global History: Seminar

M 0345 PM - 0545 PM

Sven Beckert

Course ID: 109762

2025 Fall (2 Credits)

Instructor Permission Required

Approaches to global history, including economic and labor systems, cultural transfer, imperial frameworks, migration, and environmental challenges. Students will prepare and present a research paper as well cover common readings. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Note: Open to advanced undergraduates with permission of the instructors.

FAS Divisional Distribution: None

Full Year Course: Indivisible Course

HIST 2950B (1)

Approaches to Global History: Seminar

No meeting time listed

Sven Beckert

Course ID: 160382

2026 Spring (2 Credits)

Approaches to global history, including economic and labor systems, cultural transfer, imperial frameworks, migration, and environmental challenges. Students will prepare and present a research paper as well cover common readings. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Note: Open to advanced undergraduates with the permission of the instructors.

Requires: Pre-requisite: HIST 2950A

Full Year Course: Indivisible Course

FAS Divisional Distribution: None

HIST 2957 (1)

Law, Social Difference, and the Sustenance of Health

No meeting time listed

george aumoithe

Course ID: 226580

2026 Spring (4 Credits)

Instructor Permission Required

HIST 2968 (1)

History and Economics: Proseminar

R 0345 PM - 0545 PM

Emma Rothschild, Ian KumeKawa

Course ID: 124297

2025 Fall (4 Credits)

Instructor Permission Required

Examines approaches to the interplay of history and economics, with a focus on how economists use history and how historians use economic ideas. The class will explore methods and topics, including the political economy of empire, poverty, environment, energy, and information. There will be readings, discussion and guest lectures.-- Emma Rothschild, with the participation of Abhijit Banerjee, Ian KumeKawa, and Jacob Moscona.

FAS Divisional Distribution: None

HIST 2973 (1)

History's Environmental Turn

No meeting time listed

Ian J. Miller

Course ID: 226579

2026 Spring (4 Credits)

Instructor Permission Required

HIST 3000 (1)

Direction of Doctoral Dissertations

No meeting time listed

Emmanuel Akyeampong

Course ID: 114064

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (10)

Direction of Doctoral Dissertations

No meeting time listed

Vincent Brown

Course ID: 114064

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (11)

Direction of Doctoral Dissertations

No meeting time listed

Rosie Bsheer

Course ID: 114064

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (12)
Direction of Doctoral Dissertations

No meeting time listed
Sidney Chalhoub

Course ID: 114064
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (13)
Direction of Doctoral Dissertations

No meeting time listed
Joyce Chaplin

Course ID: 114064
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (14)
Direction of Doctoral Dissertations

No meeting time listed
Philip Deloria

Course ID: 114064
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (15)
Direction of Doctoral Dissertations

No meeting time listed
Myisha Eatmon

Course ID: 114064
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (16)
Direction of Doctoral Dissertations

No meeting time listed
Alison Frank Johnson

Course ID: 114064
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (17)
Direction of Doctoral Dissertations

No meeting time listed
Arunabh Ghosh

Course ID: 114064
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (18)
Direction of Doctoral Dissertations
No meeting time listed
David Glovsky

Course ID: 114064
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (19)
Direction of Doctoral Dissertations
No meeting time listed
Andrew Gordon

Course ID: 114064
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (2)
Direction of Doctoral Dissertations
No meeting time listed
Paulina Alberto

Course ID: 114064
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (20)
Direction of Doctoral Dissertations
No meeting time listed
Peter Gordon

Course ID: 114064
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (21)
Direction of Doctoral Dissertations
No meeting time listed
James Hankins

Course ID: 114064
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (22)
Direction of Doctoral Dissertations
No meeting time listed
Tamar Herzog

Course ID: 114064
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (23)
Direction of Doctoral Dissertations

No meeting time listed
Evelyn Brooks Higginbotham

Course ID: 114064
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (24)
Direction of Doctoral Dissertations

No meeting time listed
Jesse Hoffnung-Garskof

Course ID: 114064
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (25)
Direction of Doctoral Dissertations

No meeting time listed
Maya Jasanoff

Course ID: 114064
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (26)
Direction of Doctoral Dissertations

No meeting time listed
Walter Johnson

Course ID: 114064
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (27)
Direction of Doctoral Dissertations

No meeting time listed
Cemal Kafadar

Course ID: 114064
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (28)
Direction of Doctoral Dissertations

No meeting time listed
William Kirby

Course ID: 114064
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (29)
Direction of Doctoral Dissertations
No meeting time listed
Erika Lee

Course ID: 114064
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (3)
Direction of Doctoral Dissertations
No meeting time listed
Dimitar Angelov

Course ID: 114064
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (30)
Direction of Doctoral Dissertations
No meeting time listed
Jill Lepore

Course ID: 114064
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (31)
Direction of Doctoral Dissertations
No meeting time listed
Mary Lewis

Course ID: 114064
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (32)
Direction of Doctoral Dissertations
No meeting time listed
Erez Manela

Course ID: 114064
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (33)
Direction of Doctoral Dissertations
No meeting time listed
Jamie Martin

Course ID: 114064
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (34)
Direction of Doctoral Dissertations
No meeting time listed
Terry Martin

Course ID: 114064
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (35)
Direction of Doctoral Dissertations
No meeting time listed
Michael McCormick

Course ID: 114064
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (36)
Direction of Doctoral Dissertations
No meeting time listed
Lisa McGirr

Course ID: 114064
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (37)
Direction of Doctoral Dissertations
No meeting time listed
Tiya Miles

Course ID: 114064
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (38)
Direction of Doctoral Dissertations
No meeting time listed
Ian J. Miller

Course ID: 114064
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (39)
Direction of Doctoral Dissertations
No meeting time listed
Derek Penslar

Course ID: 114064
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (4)
Direction of Doctoral Dissertations
No meeting time listed
David Armitage

Course ID: 114064
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (40)
Direction of Doctoral Dissertations
No meeting time listed
Serhii Plokhii

Course ID: 114064
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (41)
Direction of Doctoral Dissertations
No meeting time listed
Emma Rothschild

Course ID: 114064
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (42)
Direction of Doctoral Dissertations
No meeting time listed
Dan Smail

Course ID: 114064
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (43)
Direction of Doctoral Dissertations
No meeting time listed
David Spreen

Course ID: 114064
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (44)
Direction of Doctoral Dissertations
No meeting time listed
Joel Suarez

Course ID: 114064
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (45)
Direction of Doctoral Dissertations
No meeting time listed
Kirsten Weld

Course ID: 114064
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (46)
Direction of Doctoral Dissertations
No meeting time listed
Caroline Elkins

Course ID: 114064
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (47)
Direction of Doctoral Dissertations
No meeting time listed
Kenneth Mack

Course ID: 114064
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (5)
Direction of Doctoral Dissertations
No meeting time listed
george aumoithe

Course ID: 114064
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (6)
Direction of Doctoral Dissertations
No meeting time listed
Sven Beckert

Course ID: 114064
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (7)
Direction of Doctoral Dissertations
No meeting time listed
Ann Blair

Course ID: 114064
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (8)
Direction of Doctoral Dissertations
No meeting time listed
Lorenzo Bondioli

Course ID: 114064
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

HIST 3000 (9)
Direction of Doctoral Dissertations
No meeting time listed
Sugata Bose

Course ID: 114064
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

HIST 3001 (1)
Teaching

Course ID: 208298
2026 Spring (2 Credits)

Student is engaged in teaching as a Teaching Fellow or a History Prize Instructor. Student should register for four credits per section if they are a TF.

FAS Divisional Distribution: None

HIST 3001 (1)
Teaching

Course ID: 208298
2025 Fall (2 Credits)

Student is engaged in teaching as a Teaching Fellow or a History Prize Instructor. Student should register for four credits per section if they are a TF.

FAS Divisional Distribution: None

HIST 3002 (1)
Research

Course ID: 208299
2025 Fall (2 Credits)

Student is engaged in research, but has not begun to focus exclusively on their dissertation.

FAS Divisional Distribution: None

HIST 3003 (1)
Course Work

Course ID: 208300
2025 Fall (2 Credits)

Student is engaged in coursework.

FAS Divisional Distribution: None

HIST 3003 (1)

Course Work

Course ID: 208300
2026 Spring (2 Credits)

Student is engaged in coursework.

FAS Divisional Distribution: None

HIST 3010 (1)

Reading and Research

No meeting time listed

Emmanuel Akyeampong

Course ID: 112981
2025 Fall (4 Credits)

Instructor Permission Required

HIST 3010 (10)

Reading and Research

No meeting time listed

Vincent Brown

Course ID: 112981
2025 Fall (4 Credits)

Instructor Permission Required

HIST 3010 (11)

Reading and Research

No meeting time listed

Rosie Bsheer

Course ID: 112981
2025 Fall (4 Credits)

Instructor Permission Required

HIST 3010 (12)

Reading and Research

No meeting time listed

Joyce Chaplin

Course ID: 112981
2025 Fall (4 Credits)

Instructor Permission Required

HIST 3010 (13)

Reading and Research

No meeting time listed

Joyce Chaplin

Course ID: 112981
2025 Fall (4 Credits)

Instructor Permission Required

HIST 3010 (14)

Reading and Research

No meeting time listed

Philip Deloria

Course ID: 112981
2025 Fall (4 Credits)

Instructor Permission Required

HIST 3010 (15)

Reading and Research

No meeting time listed

Myisha Eatmon

Course ID: 112981
2025 Fall (4 Credits)

Instructor Permission Required

HIST 3010 (16)

Reading and Research

No meeting time listed

Alison Frank Johnson

Course ID: 112981
2025 Fall (4 Credits)

Instructor Permission Required

HIST 3010 (17) Reading and Research <i>No meeting time listed</i> Arunabh Ghosh	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HIST 3010 (18) Reading and Research <i>No meeting time listed</i> David Glovsky	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HIST 3010 (19) Reading and Research <i>No meeting time listed</i> Andrew Gordon	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HIST 3010 (2) Reading and Research <i>No meeting time listed</i> Paulina Alberto	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HIST 3010 (20) Reading and Research <i>No meeting time listed</i> Peter Gordon	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HIST 3010 (21) Reading and Research <i>No meeting time listed</i> James Hankins	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HIST 3010 (22) Reading and Research <i>No meeting time listed</i> Tamar Herzog	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HIST 3010 (23) Reading and Research <i>No meeting time listed</i> Evelyn Brooks Higginbotham	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HIST 3010 (24) Reading and Research <i>No meeting time listed</i> Jesse Hoffnung-Garskof	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HIST 3010 (25) Reading and Research	Course ID: 112981 2025 Fall (4 Credits)

No meeting time listed
Walter Johnson

Instructor Permission Required

HIST 3010 (26)
Reading and Research
No meeting time listed
Maya Jasanoff

Course ID: 112981
2025 Fall (4 Credits)
Instructor Permission Required

HIST 3010 (27)
Reading and Research
No meeting time listed
Cemal Kafadar

Course ID: 112981
2025 Fall (4 Credits)
Instructor Permission Required

HIST 3010 (28)
Reading and Research
No meeting time listed
William Kirby

Course ID: 112981
2025 Fall (4 Credits)
Instructor Permission Required

HIST 3010 (29)
Reading and Research
No meeting time listed
Erika Lee

Course ID: 112981
2025 Fall (4 Credits)
Instructor Permission Required

HIST 3010 (3)
Reading and Research
No meeting time listed
Dimitar Angelov

Course ID: 112981
2025 Fall (4 Credits)
Instructor Permission Required

HIST 3010 (30)
Reading and Research
No meeting time listed
Jill Lepore

Course ID: 112981
2025 Fall (4 Credits)
Instructor Permission Required

HIST 3010 (31)
Reading and Research
No meeting time listed
Mary Lewis

Course ID: 112981
2025 Fall (4 Credits)
Instructor Permission Required

HIST 3010 (32)
Reading and Research
No meeting time listed
Erez Manela

Course ID: 112981
2025 Fall (4 Credits)
Instructor Permission Required

HIST 3010 (33)
Reading and Research
No meeting time listed
Terry Martin

Course ID: 112981
2025 Fall (4 Credits)
Instructor Permission Required

HIST 3010 (34) Reading and Research <i>No meeting time listed</i> <i>Jamie Martin</i>	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HIST 3010 (35) Reading and Research <i>No meeting time listed</i> <i>Michael McCormick</i>	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HIST 3010 (36) Reading and Research <i>No meeting time listed</i> <i>Lisa McGirr</i>	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HIST 3010 (37) Reading and Research <i>No meeting time listed</i> <i>Tiya Miles</i>	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HIST 3010 (38) Reading and Research <i>No meeting time listed</i> <i>Ian J. Miller</i>	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HIST 3010 (39) Reading and Research <i>No meeting time listed</i> <i>Derek Penslar</i>	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HIST 3010 (4) Reading and Research <i>No meeting time listed</i> <i>David Armitage</i>	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HIST 3010 (40) Reading and Research <i>No meeting time listed</i> <i>Gabe Pizzorno</i>	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HIST 3010 (41) Reading and Research <i>No meeting time listed</i> <i>Serhii Plokhii</i>	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HIST 3010 (42) Reading and Research <i>No meeting time listed</i> <i>Emma Rothschild</i>	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>

HIST 3010 (43) Reading and Research <i>No meeting time listed</i> <i>Dan Smail</i>	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HIST 3010 (44) Reading and Research <i>No meeting time listed</i> <i>David Spreen</i>	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HIST 3010 (45) Reading and Research <i>No meeting time listed</i> <i>Joel Suarez</i>	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HIST 3010 (46) Reading and Research <i>No meeting time listed</i> <i>Kirsten Weld</i>	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HIST 3010 (47) Reading and Research <i>No meeting time listed</i> <i>Alejandro de la Fuente</i>	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HIST 3010 (48) Reading and Research <i>No meeting time listed</i> <i>Emma Dench</i>	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HIST 3010 (49) Reading and Research <i>No meeting time listed</i> <i>Intisar Rabb</i>	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HIST 3010 (5) Reading and Research <i>No meeting time listed</i> <i>george aumoithe</i>	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HIST 3010 (50) Reading and Research <i>No meeting time listed</i> <i>Michael Szonyi</i>	Course ID: 112981 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HIST 3010 (51) Reading and Research	Course ID: 112981 2025 Fall (4 Credits)

No meeting time listed
David Howell

Instructor Permission Required

HIST 3010 (52)
Reading and Research
No meeting time listed
Fredrik Logevall

Course ID: 112981
2025 Fall (4 Credits)

Instructor Permission Required

HIST 3010 (6)
Reading and Research
No meeting time listed
Sven Beckert

Course ID: 112981
2025 Fall (4 Credits)

Instructor Permission Required

HIST 3010 (7)
Reading and Research
No meeting time listed
Ann Blair

Course ID: 112981
2025 Fall (4 Credits)

Instructor Permission Required

HIST 3010 (8)
Reading and Research
No meeting time listed
Lorenzo Bondioli

Course ID: 112981
2025 Fall (4 Credits)

Instructor Permission Required

HIST 3010 (9)
Reading and Research
No meeting time listed
Sugata Bose

Course ID: 112981
2025 Fall (4 Credits)

Instructor Permission Required

HIST 3900 (1)
Writing History: Approaches and Practices
T 1200 PM - 0245 PM
Rosie Bsheer

Course ID: 110673
2025 Fall (4 Credits)

Instructor Permission Required

HIST 3920A (1)
Colloquium on Teaching and Professional Practices
F 1200 PM - 0245 PM
Jesse Hoffnung-Garskof

Course ID: 125097
2025 Fall (2 Credits)

Instructor Permission Required

HIST 3920B (1)
Colloquium on Teaching and Professional Practices
F 1200 PM - 1259 PM
Jesse Hoffnung-Garskof

Course ID: 160386
2026 Spring (2 Credits)

HIST 3940 (1)
The Academic Job Market for Historians: Skills and Strategies
No meeting time listed
Philip Deloria

Course ID: 220190
2025 Fall (4 Credits)

The academic job search can be a harrowing experience in the best of times. In this workshop-like seminar, students currently on the academic job market will assemble a full dossier for the job market, take mock zoom

interviews with faculty with recent experience either as job candidates or on job search committees, and learn about applying to different kinds of institutions. Class participants are expected to attend mock job talks organized for their peers who are preparing for campus visits.

FAS Divisional Distribution: Social Sciences

History and Literature

History & Literature

HIST-LIT 10AB

Introduction to the Medieval World

T 1245 PM - 0245 PM

Sean Gilsdorf, Brian Fitzgerald

Course ID: 222836
2025 Fall (4 Credits)

Join us for a journey through the cultures, peoples, objects, and ideas of the millennium commonly described as "medieval", extending from the reorganization of the Eurasian world in the fourth century to its transformation in the fifteenth. With primary documents in translation and medieval books and objects in Harvard's collections as your guides, you will travel virtually through a series of medieval spaces and places—Jewish, Christian, and Islamic houses of worship, homes, palaces, schools, marketplaces, and the open road—meet the fascinating people who occupied them, and uncover how those people lived, the stories that they told, they voyages that they took, and the things that they made.

Course Note: This course is offered by History & Literature as HIST-LIT 10AB and by Medieval Studies as MDVLSTD 10. It can be taken for concentration credit in History & Literature, and to fulfill the "Foundational" or "History" field requirement for the Secondary Field in Medieval Studies. Credit may be earned for either MDVLSTD 10 or HIST-LIT 10AB, but not both. However, enrollment in either course (MDVLSTD 10 or HIST-LIT 10AB) will count toward the concentration and secondary requirements for both Medieval Studies and History & Literature.

This course is offered as HIST-LIT 10AB and MDVLSTD 10. Credit may be earned for either MDVLSTD 10 or HIST-LIT 10AB, but not both.

FAS Divisional Distribution: Arts and Humanities

HIST-LIT 90BA

England After Empire

R 0345 PM - 0545 PM

Duncan White

Course ID: 109958
2025 Fall (4 Credits)

Instructor Permission Required

This course considers the way the United Kingdom was transformed through the demise of its Empire after the Second World War through to the advent of Brexit Britain. From the birth of the welfare state to the rise of Thatcherism, from post-colonial migration to multicultural Britain, from the Swinging Sixties to punk rock and riots, we will track these radical political, social and cultural changes through novels, poetry, theater, film, pop music, photography, fashion, food and sport. We will explore the way Britain sought to retain its influence in the world, through its involvement in the Cold War, its relations with the Commonwealth, and its continuing 'special relationship' with the United States, even as what being English or British began to change in meaning. As well as reading literary works by John Osborne, Sam Selvon, and Zadie Smith, we will consider the nation's popular culture, from The Beatles to The Sex Pistols.

Interested students should petition to enroll on my.harvard. In your petition, say a few words about your interest in the course (including concentrations you are considering if you are undeclared), any requirement the course may satisfy, and whether you have taken any other History & Literature seminars. Please contact the instructor if you have any questions.

FAS Divisional Distribution: Social Sciences

HIST-LIT 90BR

Work and Labor Across the Americas

T 0300 PM - 0500 PM

Dennis Hogan

Course ID: 159793
2025 Fall (4 Credits)

Instructor Permission Required

This seminar introduces students to the history of work and workers in the Americas. We will examine work and labor and their intersections with colonialism, imperialism, and slavery from the nineteenth century through

today. The course will also ask how working people have represented themselves, and how they have intervened to change their own lives, and, sometimes, the course of history. Our analysis will encompass racialized, feminized, and unfree labor; domestic and reproductive labor; migrant, casual, and emotional labor, as well as the labor of the artist and the organizer. We will engage with a wide range of historical and literary texts from Latin America and the United States to consider how writers from across the Americas have used literature to consider what it feels like to work, and to refuse work. Course readings may include Solomon Northrup's *12 Years a Slave*, Gabriel García Márquez's *100 Years of Solitude*, and Jamaica Kincaid's *Lucy*, as well as works from theorists such as Sylvia Federici, CLR James, Karl Marx, Kathi Weeks and Raymond Williams.

Interested students should petition to enroll on my.harvard. In your petition, say a few words about your interest in the course (including concentrations you are considering if you are undeclared), any requirement the course may satisfy, and whether you have taken any other History & Literature seminars. Please contact the instructor if you have any questions.

FAS Divisional Distribution: Arts and Humanities

HIST-LIT 90FK

Europe After the Cold War

No meeting time listed

Matthew Sohm

Course ID: 220441

2026 Spring (4 Credits)

Instructor Permission Required

Contemporary Europe is a continent of contrasts: it's home to some of the most peaceful, prosperous societies on earth, while continuing to be marred by war, economic stagnation, and division. This course explores how we got to the Europe of today's headlines. We begin by investigating the apparent triumph of Western liberalism in the aftermath of the Cold War—what political scientist Francis Fukuyama dubbed "the end of history." How did this supposed victory of Western values confront new realities of economic stagnation, migration, racial conflict, and war? And how did European states seek to preserve equality, economic prosperity, and social welfare at home in an unequal world? Course topics include the fall of Communism and German reunification, neoliberalism and inequality, youth culture, social democracy and the welfare state, the 2008 financial crisis, the 2010s migrant crisis, and the rise of populist politics. We consider texts by Angela Merkel, Lea Ypi, Jenny Erpenbeck, Michel Houellebecq, Joan Scott, Thomas Piketty, Tony Judt, and Timothy Garton Ash; music from the Eurovision song contest; television shows such as *NSU German History X*; and films like the 1993 French drama *La Haine*, the 2003 German reunification comedy *Good Bye, Lenin!*, the 2013 Italian portrait of decadence *La Grande Bellezza* (*The Great Beauty*), and the 2016 German comedy *Toni Erdmann*.

Interested students should petition to enroll on my.harvard. In your petition, say a few words about your interest in the course (including concentrations you are considering if you are undeclared), any requirement the course may satisfy, and whether you have taken any other History & Literature seminars. Please contact the instructor if you have any questions.

FAS Divisional Distribution: Arts and Humanities

HIST-LIT 90GB

American Education Reforms

No meeting time listed

Emily Gowen

Course ID: 222485

2026 Spring (4 Credits)

Instructor Permission Required

Education is often understood as a lever for social change, but ideas about what constitutes a good education have long been hotly contested. What is more, the seeds of today's most urgent educational controversies—such as debates about equity, educational purpose, censorship, etc.—can be found in archives related to America's earliest schools. In this course, we will trace various American education reform movements from the early colonial period through the turn of the 20th century, and explore the philosophical, practical, and social conflicts that animated them. We will move thematically and chronologically through the histories of Indian schools, common schools, freedpeople's schools, and women's colleges, and end with post-reconstruction regimes of school segregation. Readings will include essays by thinkers like Horace Mann, Emma Willard, and W.E.B. DuBois, as well as educational materials like the *New England Primer*, the *American Spelling Book*, *The Brownies' Book*, and a range of novels, poems, tracts, and stories spanning the long nineteenth century. Students will have the chance to conduct hands-on research at archives related to various local educational institutions and will be encouraged to explore the legacies of early American reforms in today's educational landscape.

Interested students should petition to enroll on my.harvard. In your petition, say a few words about your interest in the course (including concentrations you are considering if you are undeclared), any requirement the course may satisfy, and whether you have taken any other History & Literature seminars. Please contact the instructor if you have any questions.

HIST-LIT 90GP

Race & Ethnicity in Twentieth-Century American ThoughtCourse ID: 224364
2026 Spring (4 Credits)*No meeting time listed**Instructor Permission Required**Nicholas Bloom*

In his 1903 book *The Souls of Black Folk*, W.E.B. Du Bois famously wrote that "the problem of the twentieth century is the problem of the color line." This course is a survey of the work of intellectuals, artists, and activists in the late-nineteenth and twentieth centuries who took this "problem" seriously, and who sought to understand its origins, its functions, and how it ought to be addressed. It will expose students to certain foundational ideas, problems, and debates in the study of race and ethnicity in twentieth century America. Readings may include works by C.L.R. James, Zora Neale Hurston, Leslie Marmon Silko, Gloria Anzaldúa, James Baldwin, Cedric Robinson, bell hooks, William Faulkner, and Toni Morrison, among others. Most importantly, the course aims to provide students the opportunity to develop their own critical and historical acumen to study those aspects of race and ethnicity that they find most urgent or fascinating.

Interested students should petition to enroll on my.harvard. In your petition, say a few words about your interest in the course (including concentrations you are considering if you are undeclared), any requirement the course may satisfy, and whether you have taken any other History & Literature seminars. Please contact the instructor if you have any questions.

FAS Divisional Distribution: Arts and Humanities

HIST-LIT 90GT

World War II in Image, Text, and SoundCourse ID: 224366
2025 Fall (4 Credits)

T 0945 AM - 1145 AM

*Instructor Permission Required**Jules Riegel*

Almost eighty years after the end of World War II, its legacies are alive as ever. The conflict was fought across much of the globe, ravaging landscapes and ecosystems and wiping villages, towns, and even cities from the face of the earth. Estimates of combined civilian and military deaths typically range between 50,000,000 and 85,000,000, an almost unimaginably devastating toll. Yet how does our understanding of World War II change when we return to literature, art, music, and other cultural works of the time? This course examines civilians' and soldiers' everyday experiences of the war through sources such as diaries, photographs, films, songs, and visual art. We will focus on the war in Europe, while considering sources from the war's other theaters, including the U. S. and the Pacific. Topics will include the war's origins; life and death under occupation; the impact of strategic bombing; the propaganda war; documentation of wartime atrocities, especially through photography; the Holocaust; the bombings of Hiroshima and Nagasaki; and the pursuit of postwar justice. Throughout the semester, we will employ lenses such as race, gender, and class as we analyze wartime cultural creations, seeking to better understand what it meant to live and die during the most terrible war in human history.

FAS Divisional Distribution: Arts and Humanities

HIST-LIT 90GX

U.S. Women of Color Feminisms since the 1970sCourse ID: 224567
2025 Fall (4 Credits)

R 1245 PM - 0245 PM

*Instructor Permission Required**Kiran Lam-Saïli*

The history of U.S. women of color feminist politics and expressive cultures is one filled with Black, Indigenous, Chicana, and Asian American thinkers who have demanded that we take seriously how categories such as race, sex, gender, sexuality, class, and ability shape our world and our relation to it. With attention to the historical and political conditions from which our creative texts arise, this course will take three main, loosely chronological, turns. First, we will examine the emergence and implications of the term "women of color" in the late 1970s. Second, we will consider key developments in specific women of color feminisms during the 1980s and 1990s, from critiques of settler colonialism in Indigenous and Chicana thought, to challenges to imperialism's afterlives in the Asian American context. Finally, we will turn to the 21st century to engage contemporary women/queer of color thought on issues like media representation, reproductive justice, migrant carework, abolition, and disability justice. Primary sources will include fiction, poetry, visual art, and films, as well as protest performances, interviews, government/intergovernmental documents, political speeches/essays/pamphlets/manifestos, and magazine articles. We will read/watch, for example, fiction by Audre Lorde, mixed-memoir by Gloria Anzaldúa, poetry by Leah Lakshmi Piepzna-Samarasinha and Chrystos, and films like *Red Canary* Song's *Fly in Power*.

Interested students should petition to enroll on my.harvard. In your petition, say a few words about your interest in the course (including concentrations you are considering if you are undeclared), any requirement the course

may satisfy, and whether you have taken any other History & Literature seminars. Please contact the instructor if you have any questions.

FAS Divisional Distribution: Arts and Humanities

HIST-LIT 90GZ

Magic and Mythology in Latin America and the Caribbean

No meeting time listed

Cristina Garcia Navas

Course ID: 224871
2026 Spring (4 Credits)

Instructor Permission Required

This course traces the presence of the supernatural in Latin American literature, art, and culture. How has contact between fantasy, magic, and mythology been central to defining and thinking about the contours of social and historical realities in the region? The seminar focuses on the historical meanings of fantasy, myths, and legends and how they relate to memory and identity. What is the relationship between myths and cultural imaginaries with colonial and post-colonial legacies? How has fiction about supernatural beings shaped notions of gender, race, and ethnicity, as well as national and transnational imaginary communities in the region? These are some of the questions we will explore in this course, which studies the social, ecological, and political meanings of popular myths present in the region's literature and oral tradition. We will analyze stories about Andean Huaca deities, Amazons, duels with the Devil, witches, and other supernatural creatures inhabiting fiction and imaginaries in -and about- Latin America and the Caribbean. Assigned texts may include works by Lydia Cabrera, Jorge Luis Borges, Oswald de Andrade, Juan Rulfo, José Guadalupe Posada, Frida Kahlo, Remedios Varo, Leonora Carrington, Gabriel García Márquez, Julio Cortázar, Elena Garro, José María Arguedas, Aimé Césaire, Gloria Anzaldúa, and Mariana Enríquez. While the course will be conducted in English, Spanish language materials will be available for students who wish to fulfill History & Literature's language requirement.

Interested students should petition to enroll on my.harvard. In your petition, say a few words about your interest in the course (including concentrations you are considering if you are undeclared), any requirement the course may satisfy, and whether you have taken any other History & Literature seminars. Please contact the instructor if you have any questions.

FAS Divisional Distribution: Arts and Humanities

HIST-LIT 90HA

The American West

M 0945 AM - 1145 AM

Chloe Hawkey

Course ID: 225035
2025 Fall (4 Credits)

Instructor Permission Required

From cowboys to "tech bros," images of the American West are everywhere—and they have been for a long time. The data of geological surveys and census reports have never been able to outweigh Americans' (often conflicting) dreams of the West: the land of endless potential or a wasteland, naturally sublime or demanding development. This course explores these ideas, their development, and the interplay between them and political and economic growth. Where do these ideas come from, and how do they change over time? What happens when they clash with social or political reality? What are the benefits and drawbacks of focusing our attention on the realm of culture? As we work to answer these questions, we'll also address the methods of settler colonial theory, environmental history, and literary history. Our discussions will move between ideas about the land, geology, and environmental damage and ideas about people, cities, and technology, as we seek to understand how deeply interrelated these various aspects of the American West are.

Interested students should petition to enroll on my.harvard. In your petition, say a few words about your interest in the course (including concentrations you are considering if you are undeclared), any requirement the course may satisfy, and whether you have taken any other History & Literature seminars. Please contact the instructor if you have any questions.

FAS Divisional Distribution: Arts and Humanities

HIST-LIT 90HB

Indigenous Economies and Environments

W 0945 AM - 1145 AM

Mandy Izadi

Course ID: 225721
2025 Fall (4 Credits)

Instructor Permission Required

The course surveys histories of economies built by Indigenous Americans on their own lands. It also examines economies—local and global—that settler colonists built from stolen lands and natural resources of Indigenous Americans. Spanning centuries, and extending to the present, this course is organized conceptually into three principal sections on Land, Energy, and Gaming. Moving chronologically from places as varied as wetlands and

oilfields to casinos, we will examine subjects relating to land loss, resource extraction, and Indigenous struggles for economic sovereignty. More broadly, we will study intersections of colonialism and capitalism; race-based violence; colonial legal systems; conceptions of hierarchy and harmony in human-nature relationships; cultural and spiritual underpinnings of Indigenous and non-Indigenous economies; environmental justice; human rights and the rights of nature. Special attention will be paid to Indigenous sciences, including traditional ecological knowledge that has sustained life here for millennia for the continent's first peoples and eventually, Euro-Americans. This class prioritizes perspectives, voices, knowledge systems of Indigenous Americans. It draws from the arts, humanities, and sciences. Film and literature—classic, celebrated, problematic—brings depth to our interdisciplinary readings. The academic scholarship we consult draws from Native history; Environmental Sciences; global Capitalism; the Law; Native Studies, and more.

Interested students should petition to enroll on my.harvard. In your petition, say a few words about your interest in the course (including concentrations you are considering if you are undeclared), any requirement the course may satisfy, and whether you have taken any other History & Literature seminars. Please contact the instructor if you have any questions.

FAS Divisional Distribution: Arts and Humanities

HIST-LIT 90HC

Music, Memory, and Identity in Latin America

W 0300 PM - 0500 PM

Cristina Garcia Navas

Course ID: 226390

2025 Fall (4 Credits)

Instructor Permission Required

This course explores the role music plays in the creation and transmission of memory and identity in Latin American cultures. How have musical traditions shaped the development of collective ethnic and national narratives, as well as conceptions of gender and race? How has music engaged with political movements and power across the region? We begin with colonial sources documenting Indigenous and African voices through chronicles and early song collections. We then move to 19th century revolutionary corridos—popular ballads narrating events from the South American independence movements to the changing North American national borders. Along with examples from oral tradition, we study the reinterpretations of songs by marginalized peasant populations in literary works that helped to mold modern Latin American national identities, such as the Argentine epic poem Martín Fierro and the Colombian novel María. Finally, we turn to the rise of popular 20th-century musical genres, including cumbia, salsa, currulao, and reggaeton, as well as folk and rock artists like Mercedes Sosa and Sui Generis singing against 20th-century dictatorships. While the course will be conducted in English, Spanish language materials will be available for students who wish to fulfill History & Literature's language requirement.

Interested students should petition to enroll on my.harvard. In your petition, say a few words about your interest in the course (including concentrations you are considering if you are undeclared), any requirement the course may satisfy, and whether you have taken any other History & Literature seminars. Please contact the instructor if you have any questions.

FAS Divisional Distribution: Arts and Humanities

HIST-LIT 90HJ

Theories of the Tropics

No meeting time listed

Dennis Hogan

Course ID: 226393

2026 Spring (4 Credits)

Instructor Permission Required

This course considers the tropics, a zone spanning more than one hundred countries and housing nearly forty percent of the human population. What are the histories and cultures of the tropics and how have they been imagined, experienced, and struggled over by residents and visitors alike? How have the tropics been racialized in ways that justify and naturalize colonialism? We will organize our inquiry geographically and climatologically, zooming in on three moments: the eighteenth century, when Europeans sought to perfect agricultural and extractive enterprises founded in slavery and imperialism; the nineteenth century, when tropical nations won independence despite being subjected to forces of environmental determinism and scientific racism; and the twentieth century, when tropical cultures and motifs established themselves in the global mainstream. Readings include writing by Alexander von Humboldt, Charles Darwin, and José María Samper; political and social theory by Charles Mills, Sylvia Wynter, Eduardo Galeano, and Antonio Benítez Rojo; and literature by Amitav Ghosh, Jean Rhys, and Miriam Warner-Vieyra. We'll also listen to music, by Bad Bunny as well as the tropicália band Os Mutantes, and consider architecture from Havana to Singapore. Though focused on the Americas, our inquiry will extend to Africa, Asia, and across the Pacific.

Interested students should petition to enroll on my.harvard. In your petition, say a few words about your interest in the course (including concentrations you are considering if you are undeclared), any requirement the course may satisfy, and whether you have taken any other History & Literature seminars. Please contact the instructor if you have any questions.

HIST-LIT 90HK

Course ID: 226524

A Cultural History of Machines

2025 Fall (4 Credits)

W 0945 AM - 1145 AM

Instructor Permission Required

Emmet von Stackelberg

Will machines destroy the world or rescue it? Are new technologies improving our lives or degrading them? This course investigates the history of fears—and hopes—regarding the massive technological ruptures of the 20th century, a period of rapid industrialization and urbanization punctuated by two technologically sophisticated world wars. We'll focus on how technological change has been represented across a range of cultural texts—including films like Fritz Lang's *Metropolis*, speculative fiction by W.E.B. DuBois and Ursula K. Le Guin, and the Afrofuturistic music of Sun Ra—asking what these representations reveal about the controversies, panics, and celebrations that swirled around technological changes to daily life. How did new machineries of battle change attitudes toward violence and trauma after the first World War? How did industrial mechanization alter the experience of work? And what stood behind Cold War preoccupations with flying saucers, atomic bombs, and the beginnings of the space race? Along the way we will also explore how new technologies of entertainment—including film, radio, and television—were attacked and adored as symbols of modernity themselves, even as they were used to pass judgment on modern science, technology, and medicine.

Interested students should petition to enroll on my.harvard. In your petition, say a few words about your interest in the course (including concentrations you are considering if you are undeclared), any requirement the course may satisfy, and whether you have taken any other History & Literature seminars. Please contact the instructor if you have any questions.

FAS Divisional Distribution: Arts and Humanities

HIST-LIT 91

Course ID: 112896

Supervised Reading and Research

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Lauren Kaminsky

History and Literature concentrators may arrange individually supervised reading and research courses; the permission of the Director of Studies is required for these courses.

Course Note: History and Literature concentrators may arrange individually supervised reading and research courses; the permission of the Director of Studies is required for these courses.

FAS Divisional Distribution: None

HIST-LIT 91

Course ID: 112896

Supervised Reading and Research

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Lauren Kaminsky

History and Literature concentrators may arrange individually supervised reading and research courses; the permission of the Director of Studies is required for these courses.

Course Note: History and Literature concentrators may arrange individually supervised reading and research courses; the permission of the Director of Studies is required for these courses.

FAS Divisional Distribution: None

HIST-LIT 93AA

Course ID: 222494

Queer Archives

2026 Spring (4 Credits)

W 0945 AM - 1145 AM

Instructor Permission Required

Lauren Kaminsky

Queer histories are all around us, but rarely do they announce themselves as such. This research seminar offers training in archival methods with a focus on historical subjects who deviate from dominant historical narratives. In centering "queer" archival traces, we will read along the grain with dissident voices representing minoritized gender and sexual subjectivities, while also cultivating a practice of reading against the grain as a way of attending to the exclusionary operations of representational practices. This course will be taught in and draw on the Schlesinger Library's extraordinary collections, and much of our class time will be spent exploring materials

that can only be accessed on site. This course requires no prior knowledge or experience, and assignments will culminate in an essay based on original archival research.

Interested students should petition to enroll on my.harvard. In your petition, say a few words about your interest in the course (including concentrations you are considering if you are undeclared), any requirement the course may satisfy, and whether you have taken any other History & Literature seminars. Please contact the instructor if you have any questions.

FAS Divisional Distribution: Arts and Humanities

HIST-LIT 93AG

Oral Histories and Archives

R 0945 AM - 1145 AM

Andi Remoquillo

Course ID: 226394

2025 Fall (4 Credits)

Instructor Permission Required

To understand the archive is to understand history: neither is neutral, homogenous, nor fully representative of any one story. Indeed, many scholars argue that archives aren't repositories for objective truths but rather political and epistemological projects that have the power to suppress certain voices—or liberate them. How can we make sense of the archive in a way that counters historical silences? And how might oral histories fill in gaps left by archival negations? This course introduces students to theories, practices and controversies of the archive and oral history methodologies, with the goal of creating what the scholar Marianne Hirsch calls "countermemories," representations of the past that unearth ignored or disruptive material. Readings include interdisciplinary writing by feminist, anti-racist, and anti-colonial scholars demonstrating a range of approaches, as well as primary sources like historical documents and novels that incorporate archival materials to reimagine the past, present, and future. We will also work with Schlesinger Library's archival collections, community-based archives and digitized oral histories, and practice oral history interviews of our own. At semester's end, students will conduct original research on a topic of their choice using archival materials and oral histories collected earlier in the semester.

Interested students should petition to enroll on my.harvard. In your petition, say a few words about your interest in the course (including concentrations you are considering if you are undeclared), any requirement the course may satisfy, and whether you have taken any other History & Literature seminars. Please contact the instructor if you have any questions.

HIST-LIT 93AH

Music, Politics, and Protest in the United States

No meeting time listed

Caitlin Schmid

Course ID: 224872

2026 Spring (4 Credits)

Instructor Permission Required

In this course, we'll explore the intersection of music and social movements in the United States in the 20th and 21st centuries. How have musicians, critics, and audiences positioned music as "political" (and what does that mean)? What does a protest sound like, and what can that tell us about particular modes of resistance tied to race, class, gender, and sexuality? Can music be an effective agent of change? Drawing on a wide variety of sources—texts, archives, recordings, performances, experiential knowledge—we'll ask how music and sound have worked in history to document, dissent, and/or protest; how music functions in our own sociopolitical context; and how music imagines utopian and dystopian futures. The seminar will delve into methods of researching and writing about sound, and students will have the opportunity to conduct original research towards a substantial academic paper and to develop written and creative materials for public audiences. This course is affiliated with the Mindich Program in Engaged Scholarship and counts towards the course requirement for the Certificate in Civic Engagement.

Interested students should petition to enroll on my.harvard. In your petition, say a few words about your interest in the course (including concentrations you are considering if you are undeclared), any requirement the course may satisfy, and whether you have taken any other History & Literature seminars. Please contact the instructor if you have any questions.

FAS Divisional Distribution: Arts and Humanities

HIST-LIT 97

Tutorial - Sophomore Year

No meeting time listed

Lauren Kaminsky

Course ID: 113717

2026 Spring (4 Credits)

Instructor Permission Required

History and Literature's Sophomore Tutorial is a set of courses on different topics co-taught by faculty from different disciplines to immerse concentrators in the creative, rigorous, and rewarding work of interdisciplinary

scholarship.

Course Note: This is a required course for sophomore concentrators in History and Literature.

Requires: History and Literature Sophomore Concentrators Only

FAS Divisional Distribution: None

HIST-LIT 98

Tutorial - Junior Year

No meeting time listed

Lauren Kaminsky

History and Literature's Junior Tutorial is a year-long course that provides History & Literature concentrators with a unique opportunity to develop, explore, focus, or expand their intellectual interests. Juniors are clustered into small groups (usually three students) and matched with a tutor based on common interests.

Course Note: This is one half of a full-year, required course for junior concentrators in History and Literature.

Requires: History and Literature Junior Concentrators Only

FAS Divisional Distribution: None

Course ID: 111935

2025 Fall (4 Credits)

HIST-LIT 98

Tutorial - Junior Year

No meeting time listed

Lauren Kaminsky

History and Literature's Junior Tutorial is a year-long course that provides History & Literature concentrators with a unique opportunity to develop, explore, focus, or expand their intellectual interests. Juniors are clustered into small groups (usually three students) and matched with a tutor based on common interests.

Course Note: This is one half of a full-year, required course for junior concentrators in History and Literature.

Requires: History and Literature Junior Concentrators Only

FAS Divisional Distribution: None

Course ID: 111935

2026 Spring (4 Credits)

HIST-LIT 99

Tutorial - Senior Year

No meeting time listed

Lauren Kaminsky

History and Literature's Senior Tutorial is a year-long, one-on-one course devoted primarily to researching and writing the Senior Thesis.

Course Note: This is one half of a full-year, required course for senior concentrators in History and Literature.

Requires: History and Literature Senior Concentrators Only

FAS Divisional Distribution: None

Course ID: 115758

2025 Fall (4 Credits)

HIST-LIT 99

Tutorial - Senior Year

No meeting time listed

Lauren Kaminsky

History and Literature's Senior Tutorial is a year-long, one-on-one course devoted primarily to researching and writing the Senior Thesis.

Course Note: This is one half of a full-year, required course for senior concentrators in History and Literature.

Requires: History and Literature Senior Concentrators Only

FAS Divisional Distribution: None

Course ID: 115758

2026 Spring (4 Credits)

History of Art and Architecture

HAA 10

Course ID: 115550
2025 Fall (4 Credits)

Introduction to the History of Art

M 1200 PM - 0115 PM

Instructor Permission Required

Felipe Pereda, Jeffrey Hamburger, Cecile Fromont, Jennifer L. Roberts, Jennifer L. Roberts

An introduction to major works of art and architecture from around the world, co-taught by a team of six HAA professors, two of whom will co-lead the course. Each week consists of one 75-minute lecture by a faculty member, 60-minute looking labs in the museum led by faculty members, and 75-minute discussion sections led by TFs. Every unit will focus on a specific artwork or site through which large humanistic questions and art historical concepts are considered.

Petitions will be accepted on a first-come, first-served basis. No additional information is required alongside your petition. Please make sure to complete enrollment into the course if you wish to secure a seat. Capped at 90. Formerly taught as "HUMAN 20/HUM 20 - A Colloquium in the Visual Arts"

FAS Divisional Distribution: Arts and Humanities

HAA 11

Course ID: 113337
2026 Spring (4 Credits)

Landmarks of World Architecture

TR 1200 PM - 0115 PM

Patricio del Real

Examines major works of world architecture and the unique aesthetic, cultural, and historical issues that frame them. Faculty members will each lecture on an outstanding example in their area of expertise, drawing from various historical periods and diverse cultures across the world. Weekly discussion sections will develop thematically, expanding on the given examples to focus on significant issues in the analysis and interpretation of architecture.

FAS Divisional Distribution: Arts and Humanities

HAA 15

Course ID: 222078
2025 Fall (4 Credits)

Introduction to Italian Renaissance Art

MW 0130 PM - 0245 PM

Shawon Kinew

What is known as the Renaissance was a period of intense cultural transformation, a history and legacy we have inherited. During this time, artists reached an unprecedented stature and created some of the most powerful works of art in Europe. From the construction of the liberal arts to cultural encounters and territorial expansion, we live with the traditions of the Renaissance and its repercussions. This course traces an artistic narrative that moves from Giotto to Caravaggio, uncovering their poignant inquiries into nature, beauty and Antiquity within the shifting political and religious terrains of their times. We will look closely at the art of Masaccio, Donatello, Botticelli, Leonardo da Vinci, Michelangelo, Titian and Raphael and their contemporaries. We will be attentive to meaning and interpretation, both the ways artists made meaning and the ways we find it in the Italian Renaissance, in its beauty and in its power.

Please note that additional discussion sections will only be added if enrollments increase to support them. If you wish to be guaranteed a seat in this class, please register for one of the two currently available scheduled sections. If both are full, you are welcome to add yourself to the placeholder section.

FAS Divisional Distribution: Arts and Humanities

HAA 22X

Course ID: 159999
2025 Fall (4 Credits)

Architecture in the Early Modern Mediterranean World: A Cross-Cultural Perspective

T 1200 PM - 0245 PM

Gulru Necipoglu-Kafadar

Architecture of the eastern Mediterranean basin (at Italian, Ottoman, and Mamluk courts) with emphasis on cross-cultural encounters and transmission of the Romano-Byzantine heritage, science and technology, architectural practice, ornament, urban design, military, religious, and domestic architecture.

Please note that additional discussion sections will only be added if enrollments increase to support them. If you wish to be guaranteed a seat in this class, please register for the currently available scheduled section. If full, you are welcome to add yourself to the placeholder section.

FAS Divisional Distribution: Arts and Humanities

HAA 45M

Medieval Media

T 1200 PM - 0200 PM

Jeffrey Hamburger

From the invention of the icon and the book in late Antiquity to printing and panel painting in the 15th century, the Middle Ages harnessed new visual media to revolutionary effect. The course examines space (architecture), light (stained glass), body (sculpture/relic), figure (fresco, tempera, oil), word (roll/codex), abstraction (diagram), mass media (printing).

Course ID: 215760
2026 Spring (4 Credits)

FAS Divisional Distribution: Arts and Humanities

HAA 51

Witches. From Dürer to Goya.

MW 1030 AM - 1145 AM

Felipe Pereda, Joseph Koerner

Witchcraft as a magical practice is documented across many cultures since ancient times, while the "witch" of popular imaginings is a more recent local phenomenon. Young or old, alluring or monstrous-but usually female-the image of the witch developed in the West at the start of the modern age, mobilizing the fantasies of major artists from the Renaissance through the Enlightenment to the present. This course explores the witch from three entangled perspectives: painters fascinated by nefarious illusions, witch-hunters and their (largely fictive) accusations, and modern historians making sense of this wildly elusive material. Artists studied include Albrecht Dürer, Pieter Bruegel, Salvatore Rosa, José de Ribera, Henry Fuseli and Francisco de Goya. The course consists of lectures, debate sections, and studio classes on the printing techniques (etching and aquatint) used by artists discussed.

Course ID: 226020
2026 Spring (4 Credits)

HAA 73

Money Matters

TR 1030 AM - 1145 AM

Evriddiki Georganteli

Money is everywhere. As both an abstract construct and a material entity, money makes the world go around. Since before the invention of writing, money has been a common facet of everyday life, informing how we think and act. The course explores how societies across human history have made, used, and valued money in divergent ways. We will consider money as an object of aesthetic appreciation, an ethical problem, an architect of social relations, an environmental disruptor, a tool of political resistance, and much more. How has coinage design functioned as a political, religious, and cultural symbol? Is money a measure of value, and how does it align with other potential values, such as religious, moral, and aesthetic ones? Is it ethically neutral or an instrument of moral vice or virtue? What were the debates surrounding the rise of paper money? How has money been used as a tool of revolutionary movements and political resistance? Does money get recycled, and what is the environmental cost of different money forms today? What are the links between art, literature, theater, cinema, and money? Be part of a thrilling journey of exploration that will take us from the economic systems of Ancient Mesopotamia to 21st-century digital currencies. Weekly sections in the Harvard Art Museums, the Peabody Museum of Archaeology and Ethnology, and the Baker Library of Historical Collections at the Harvard Business School will offer us the chance to handle and discuss Harvard's world-class numismatic holdings.

Course ID: 216165
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Arts and Humanities

HAA 77M

Modern Art and Its Colonial Matrix

Course ID: 218152
2026 Spring (4 Credits)

TR 0130 PM - 0245 PM

Maria Gough, David Joselit

How does modernist innovation and experimentation in the visual arts relate to the European quest for empire, and its aftermath in the postcolonial period? How was European and American modernism shaped by imperial ambition and colonial expansion? By the domination and subordination of others? By the exoticization and "orientalization" of Asian and Islamic cultures, and the "primitivization" of African and Native American traditions? Moreover, to what extent do the economic and political structures of imperialism persist after formal decolonization in the mid-twentieth century in political formations such as the Cold War, or economic ones like the "imperialism" of American popular culture. By exploring significant artworks from the 19th, 20th, and 21st centuries in light of the history and legacy of imperialism, this course seeks to evaluate how modern artists may be implicated in the colonial matrix, and to what extent they opposed or critiqued it.

FAS Divisional Distribution: Arts and Humanities

HAA 91R

Directed Study in History of Art and Architecture

No meeting time listed

Jennifer L. Roberts

Course ID: 107996

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Limited to juniors and seniors. Students wishing to enroll must petition the Head Tutor for approval, stating the proposed project, and must have the permission of the proposed instructor.

FAS Divisional Distribution: Arts and Humanities

HAA 91R

Directed Study in History of Art and Architecture

No meeting time listed

Jennifer L. Roberts

Course ID: 107996

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Limited to juniors and seniors. Students wishing to enroll must petition the Head Tutor for approval, stating the proposed project, and must have the permission of the proposed instructor.

FAS Divisional Distribution: Arts and Humanities

HAA 92R

Design Speculations: Senior Design Tutorial

R 0900 AM - 1145 AM

Megan Panzano

Course ID: 207690

2025 Fall (4 Credits)

Instructor Permission Required

This seminar will serve as a design platform for inquiry, documentation and analysis in relation either to the thesis topic or capstone project of interest to each student. Thesis students will be responsible for selecting a Thesis Advisor (or Advisors) with whom they will meet regularly to develop specific intention, substance and methodology of the thesis research and paper. This seminar is a support of independent thesis and/or independent project research, extending methodological inquiry of the project topic to design where students may convene to collectively discuss and experiment with design speculations – design tests that explore research through the visual and spatial language of architecture. The course will cover topics general to design research with discussions, assignments, and readings focused on three main themes in relation to architectural design: Discourse, the development of a proposition for the role and significance of architecture relative to the project topic of interest; Method, the design steps/process of working through a design application/inquiry of those ideas; and Context, the relationship of the project topic of study to broader surroundings which include but are not limited to the discipline of architecture, cultural contexts, technical developments and/or typologies. The seminar will emphasize and support the translation of ideas emerging from independent research into visual forms of representation including, but not limited to, drawings, diagrams, images, study models, and shortanimations. The techniques of representation reviewed will be catered to the project topics of individual students, but will also form a part of the general discussion of the course. HAA 96A Transformations or HAA 96B Connections design studios is a pre-requisite to the Design Speculations course. HAA 92R is open exclusively to HAA architecture-track concentrators.

Course Note: HAA 92R is open exclusively to HAA architecture-track concentrators.

HAA 96

Special Seminar

W 0300 PM - 0500 PM

Maria Gough

Course ID: 113117

2025 Fall (4 Credits)

Instructor Permission Required

Seminar offered under special arrangements consisting of weekly meetings with designated faculty, where regular reading and writing assignments are focused on a topic of mutual interest.

FAS Divisional Distribution: Arts and Humanities

HAA 96

Special Seminar

No meeting time listed

Jennifer L. Roberts

Course ID: 113117

2026 Spring (4 Credits)

Instructor Permission Required

Seminar offered under special arrangements consisting of weekly meetings with designated faculty, where regular reading and writing assignments are focused on a topic of mutual interest.

FAS Divisional Distribution: Arts and Humanities

HAA 96A

Architecture Studio I: Transformations

MW 1200 PM - 0245 PM

Megan Panzano

Course ID: 109375

2026 Spring (4 Credits)

Instructor Permission Required

Architecture assembles multiple models, surfaces, and materials; it is not a single monolithic thing, rather it is comprised of disparate parts and organizational systems operating at different scales. Design, the bringing together of these elements, requires sensitivity, registers scale, and renders perceptual effect. This course is an introductory architectural design studio focused on building foundational architectural concepts and design methodologies studied through a process of making. A series of physical modeling/fabrication assignments explore spatial and organizational transformations as a consequence of the changing interactions among material, fabrication technique, and form. Resultant expressions of space, scale, and perceptual effects are discussed and evaluated in relation to a series of course readings that frame the intentions of each assignment within architectural theory and history discourse. Both studios in the Architecture Studies Track (Transformations HAA 96A and Connections HAA 96B) explore architectural means and methods of design. Each begins from a different scale of inquiry, but converges at a similar end. This studio originates at the scale of material - focusing on specific capacities and effects thereof as well as the details of assembly - and expands from this to an investigation of an occupiable architectural scale in relation to a dynamic site. The course emphasizes fluency in the visual and spatial communication of ideas through instruction in 2D drawing and 3D modeling techniques. Technical workshops are provided in choreography with serial assignments encompassing drafting and 3D modeling (AutoCAD + Rhino), techniques of fabrication (Rhino to various outputs), 3D printing, and representational processing (Adobe Creative Suite). The studio exposes students to critical architectural thinking and design methods for more broad disciplinary application following. No particular skill set, technical or otherwise, is a required prerequisite for this course; students from all backgrounds are welcome.

FAS Divisional Distribution: Arts and Humanities

HAA 96B

Architecture Studio II: Connections

TR 0130 PM - 0415 PM

Megan Panzano

Course ID: 110362

2026 Spring (4 Credits)

Instructor Permission Required

The practice of architecture fundamentally asks us to continuously engage with, and re-conceptualize, the world for which we are designing. As such, architecture as a discipline is not only about designing buildings, but also about challenging us to imagine new ways of seeing the world. This studio takes on the challenge through a series of design exercises focused on understanding, engaging with, and reimagining the urban condition. Throughout the course, we will approach architectural design as both a method of producing urban

environments, and also as an avenue through which to understand our cities. We will be directly confronting the social, political, and environmental contexts that are necessarily implicated in any design process. Both studios in the Architecture Studies Track (Transformations HAA 96A and Connections HAA 96B) explore architectural means and methods of design. Each begins from a different scale of inquiry, but converges towards a similar end. This studio originates at the scale of the urban site, and begins with a set of design research assignments that ask students to imagine the city from the perspective of a non-human agent. Extrapolating abstract principles from these agents, we will be mobilizing the possibilities of architectural representation to reimagine the city through mapping, diagramming, and collage. The studio culminates in a design proposal for a site in Harvard Square. Students will be given an architectural brief, and will produce projects that address existing site conditions, programmatic space requirements, and projected users of the site. Technical workshops will provide all the necessary skills required for the course, and will allow students to develop aptitude in architectural drawing, mapping, rendering, and simple animation. No existing expertise or technical proficiency is necessary for this course. Students from all backgrounds are welcome; we will be encouraging interdisciplinary thinking throughout the design research process.

FAS Divisional Distribution: Arts and Humanities

HAA 97R

The Sophomore Seminar

W 0300 PM - 0545 PM

Course ID: 126539
2025 Fall (4 Credits)

Instructor Permission Required

Required of all History of Art and Architecture concentrators in their sophomore year. An introduction to the practice of art and architectural history through object-based teaching led by faculty members in HAA.

FAS Divisional Distribution: Arts and Humanities

HAA 97R

The Sophomore Seminar

W 0300 PM - 0545 PM

Course ID: 126539
2026 Spring (4 Credits)

Instructor Permission Required

Required of all History of Art and Architecture concentrators in their sophomore year. An introduction to the practice of art and architectural history through object-based teaching led by faculty members in HAA.

FAS Divisional Distribution: Arts and Humanities

HAA 98AR

Junior Tutorial - Museums and Collections

T 0300 PM - 0545 PM

Course ID: 110650
2025 Fall (4 Credits)

Instructor Permission Required

Required of juniors concentrating in History of Art and Architecture. A group tutorial consisting of weekly meetings with a graduate student, with regular reading and writing assignments. HAA 98ar offers concentrators the choice of several study groups investigating a particular field or topic in art history, including each year: museums and collections; race and aesthetics; the art of looking and writing, and; architectural methods. Concentrators select two of the group tutorial topics. The following topics are offered: HAA 98AR - "Museums and Collections" (Fall) HAA 98BR - "Architectural Methods" (Fall) HAA 98CR - "Race and Aesthetics" (Spring) HAA 98DR - "Writing Art History" (Spring)

FAS Divisional Distribution: Arts and Humanities

HAA 98BR

Junior Tutorial - Architectural Methods

M 0900 AM - 1145 AM

Course ID: 222099
2025 Fall (4 Credits)

Instructor Permission Required

Required of juniors concentrating in History of Art and Architecture. A group tutorial consisting of weekly meetings with a graduate student, with regular reading and writing assignments. HAA 98 offers concentrators the

choice of several study groups investigating a particular field or topic in art history, including each year: museums and collections; race and aesthetics; the art of looking and writing, and; architectural methods. Concentrators select two of the group tutorial topics. The following topics are offered: HAA 98AR - "Museums and Collections" (Fall) HAA 98BR - "Architectural Methods" (Fall) HAA 98CR - "Race and Aesthetics" (Spring) HAA 98DR - "Writing Art History" (Spring)

FAS Divisional Distribution: Arts and Humanities

HAA 98CR

Junior Tutorial - Race & Aesthetics

M 0900 AM - 1145 AM

Course ID: 222098
2026 Spring (4 Credits)

Instructor Permission Required

Required of juniors concentrating in History of Art and Architecture. A group tutorial consisting of weekly meetings with a graduate student, with regular reading and writing assignments. HAA 98 offers concentrators the choice of several study groups investigating a particular field or topic in art history, including each year: museums and collections; race and aesthetics; the art of looking and writing, and; architectural methods. Concentrators select two of the group tutorial topics. The following topics are offered: HAA 98AR - "Museums and Collections" (Fall) HAA 98BR - "Architectural Methods" (Fall) HAA 98CR - "Race and Aesthetics" (Spring) HAA 98DR - "Writing Art History" (Spring)

FAS Divisional Distribution: Arts and Humanities

HAA 98DR

Junior Tutorial - Writing Art History

T 0300 PM - 0545 PM

Course ID: 222100
2026 Spring (4 Credits)

Instructor Permission Required

Required of juniors concentrating in History of Art and Architecture. A group tutorial consisting of weekly meetings with a graduate student, with regular reading and writing assignments. HAA 98 offers concentrators the choice of several study groups investigating a particular field or topic in art history, including each year: museums and collections; race and aesthetics; the art of looking and writing, and; architectural methods. Concentrators select two of the group tutorial topics. The following topics are offered: HAA 98AR - "Museums and Collections" (Fall) HAA 98BR - "Architectural Methods" (Fall) HAA 98CR - "Race and Aesthetics" (Spring) HAA 98DR - "Writing Art History" (Spring)

FAS Divisional Distribution: Arts and Humanities

HAA 99A

Tutorial - Senior Year

R 0900 AM - 1145 AM

Carrie Lambert-Beatty

Course ID: 112484
2025 Fall (4 Credits)

Instructor Permission Required

In the fall term, HAA 99 includes several group tutorial meetings with the senior honors adviser, where assignments are aimed at facilitating the writing of a senior honors thesis; spring term consists of independent writing, under the direction of the individual thesis adviser. Part one of a two part series.

Course Note: Required of honors candidates in History of Art and Architecture. Permission of the Director of Senior Theses required.

FAS Divisional Distribution: Arts and Humanities

Full Year Course: Divisible Course

HAA 99B

Tutorial - Senior Year

No meeting time listed

Carrie Lambert-Beatty

Course ID: 159972
2026 Spring (4 Credits)

Instructor Permission Required

In the fall term, HAA 99 includes several group tutorial meetings with the senior honors adviser, where

assignments are aimed at facilitating the writing of a senior honors thesis; spring term consists of independent writing, under the direction of the individual thesis adviser. Part two of a two part series.

Course Note: Required of honors candidates in History of Art and Architecture. Permission of the Head Tutor required.

FAS Divisional Distribution: Arts and Humanities

Full Year Course: Divisible Course

HAA 99B

Course ID: 159972

Tutorial - Senior Year

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Carrie Lambert-Beatty

In the fall term, HAA 99 includes several group tutorial meetings with the senior honors adviser, where assignments are aimed at facilitating the writing of a senior honors thesis; spring term consists of independent writing, under the direction of the individual thesis adviser. Part two of a two part series.

Course Note: Required of honors candidates in History of Art and Architecture. Permission of the Head Tutor required.

Full Year Course: Divisible Course

FAS Divisional Distribution: Arts and Humanities

HAA 100R

Course ID: 124385

Sophomore Excursion Course

2026 Spring (4 Credits)

M 0300 PM - 0545 PM

Instructor Permission Required

Shawon Kinew, Maria Gough

This course introduces concentrators to on-site study of art and architecture through the case study of a particular geographic and cultural area.

Course Note: Excursion is optional; not a requirement. Open only to HAA Concentrators.

Petitions from eligible students (HAA sophomore concentrators) will be approved on a first-come, first-served basis. Your seat is not guaranteed until you complete enrollment into the course. Being in good standing with the College is a prerequisite for entry into this course and to be permitted to go on the excursion. Because of the logistical complexities of organizing the excursion component, only students who petition and enroll during pre-registration will be considered. Alongside your petition, please email the following details to Hilary Field (hilary_field@fas.harvard.edu): Name (as it appears on your passport, including any middle names): Date of Birth: Gender (as it appears on your passport): Citizenship: Phone Number: Additional information from you may be required, and you will be responsible for responding to such requests via email before the end of pre-registration in order to be considered for a seat.

The excursion for AY25-26 will take place in Florence and Venice.

FAS Divisional Distribution: Arts and Humanities

HAA 128N

Course ID: 212933

Islamic Ornamentality, Abstraction, and Theories of Perception

2025 Fall (4 Credits)

W 1200 PM - 0245 PM

Instructor Permission Required

Gulru Necipoglu-Kafadar

Critically explores the historiography and interpretations of Islamic ornament. Themes include ornamentality and abstraction, theories of perception, orientalist discourses on the so-called "arabesque," resonances of non-figural abstraction with modernism and postmodern aesthetics.

FAS Divisional Distribution: Arts and Humanities

HAA 157K

Course ID: 159977

The Age of Albrecht Dürer

2026 Spring (4 Credits)

R 1200 PM - 0245 PM

Instructor Permission Required

Joseph Koerner

Albrecht Dürer became the world's first world-famous artist largely because he invested his talent in the new medium of print. Multiplying his work a thousand fold and disseminating it (on sheets of paper) to innumerable viewers in multiple locations, print made Dürer the first beneficiary of "distance viewing" and, thus, a perfect topic for "distance learning" forced on us by the current pandemic. Looking together, creatively, at this artist's fascinating and enduring oeuvre — all available online — we will explore the wider cultural dynamics of Renaissance and Reformation that underlay the making, and the breaking, of art.

FAS Divisional Distribution: Arts and Humanities

HAA 172V

Unseen Black Art

M 1200 PM - 0245 PM

Sarah Lewis

Course ID: 226013

2025 Fall (4 Credits)

Instructor Permission Required

What is left out of view and why? Many landmark works about the intersection of race, culture, and equity have been censored, excised, or unseen—viewed and then disregarded—or even erased from official narratives. This course will focus on key works from monuments to photographs, paintings to maps to consider the impact of these strategies for the direction and field of the future of visual culture in America.

FAS Divisional Distribution: Arts and Humanities

HAA 174K

Architecture in the Archive

R 0300 PM - 0545 PM

Patricio del Real

Course ID: 220058

2026 Spring (4 Credits)

Instructor Permission Required

This is a research-intensive course engaging university archives and geared to the production of an architectural exhibition.

FAS Divisional Distribution: Arts and Humanities

HAA 178X

Circuits, Circles, and Loops: Towards a Regenerative Architecture

No meeting time listed

Jonathan Grinham

Course ID: 120658

2026 Spring (4 Credits)

Instructor Permission Required

Present assumptions indicate that the management of our material world accounts for more than half of all global greenhouse gas emissions. Nearly fifty percent of these emissions are attributed directly to building construction. And these numbers are predicted to grow, more than doubling the gross amount of material extraction and flow around the planet by 2060. This course asks how we design new architectures that fit within the circuits, circles, and loops of a healthy, regenerative material ecology. Through in-class lectures, case studies, and hands-on workshops, students will develop a comprehensive understanding of both contemporary theory and practical applications surrounding lifecycle material design. They will actively research topics such as systems ecology, extractive geographies, life cycle material modeling, circular design, pervasive connectivity, biomaterials, adaptive reuse, indigenous and traditional craftsmanship, healthy materials, social equity, and other pertinent subjects. Additionally, students will acquire advanced proficiency in utilizing software tools and innovate new fabrication processes to address material flows around and through buildings effectively. Beyond theoretical knowledge, this course offers a unique opportunity for students to actively confront the environmental and human impacts associated with material management in the built environment. Through hands-on, design-led learning experiences, students will be encouraged to tackle these challenges by designing and building real-world prototypes through semester-long team projects that utilize industry and Harvard University material resources. Ultimately, students will develop a robust research framework to investigate, deconstruct, and invent new material life cycle design strategies that critically engage pluralistic design solutions toward a new regenerative architecture.

FAS Divisional Distribution: Arts and Humanities

HAA 183K

Himalayan Art

M 0300 PM - 0545 PM

Jinah Kim

Course ID: 109902

2026 Spring (4 Credits)

Instructor Permission Required

Understood as a divine abode in Indic mythology and envisioned as the immortal realm of "Shangri-la" by later western interpreters, the Himalayas abound with Hindu and Buddhist holy sites. This course explores the vibrant visual culture of the Himalayan region. Two learning goals are: 1) Understanding the historical development of distinctive artistic forms in paintings and sculptures of Nepal and Tibet during major moments of artistic innovations in the region, including the artistic responses to the current political situation; 2) Locating this knowledge in the context of the history of reception and collecting of Himalayan art in the west.

FAS Divisional Distribution: Arts and Humanities

HAA 185

Art of Roaming

R 0300 PM - 0545 PM

Eugene Wang

Course ID: 226014

2026 Spring (4 Credits)

Instructor Permission Required

This course explores the human aspiration to roam freely—both physically and imaginatively—through art. From the First Emperor's bronze chariot to Arthur Clarke's interplanetary spaceship, from ancient Indian Vimanas to drone-age cinema, from Nezha's fiery wheel to Tesla's optimus robot, we examine how movement and mobility have been envisioned across time and media. Key themes include the ontology of motion, the aesthetical and experiential modes of mobility, the materiality of flow, and the question of subjectivity, framed through case studies and conceptual frameworks. In the final weeks, students develop concept-driven projects culminating in a pop-up exhibition, Art of Roaming, held at Harvard CAMLab Cave.

HAA 197P

Introduction to Pre-Columbian Art

F 1200 PM - 0245 PM

Thomas Cummins

Course ID: 207743

2025 Fall (4 Credits)

Instructor Permission Required

This is a general introduction to and survey of the arts of Ancient America. We will look at both Mesoamerica and the Andean art and architecture beginning with some of the earliest cultures and ending with Aztec, Maya, Muisca and Inca. Questions about the materials, urban planning, meaning and aesthetics will be addressed.

The course will also take advantage of the great collections at the Peabody Museum as well as the MFA. There are no prerequisites.

This course will be taught primarily via Zoom.

FAS Divisional Distribution: Arts and Humanities

HAA 223M

A Connected Architectural and Urban History of Early Modern Empire: The Ottomans, Safavids & Mughals

W 1200 PM - 0245 PM

Gulru Necipoglu-Kafadar

Course ID: 159980

2026 Spring (4 Credits)

Instructor Permission Required

Three empires from the Balkans to Bengal developed distinctive architectural, urban, material, and ornamental cultures rooted in their Timurid-Turkman pasts and transformed by cosmopolitan regional traditions. An inter-imperial dialogical perspective focused on the politics, practices, and poetics of empire building.

FAS Divisional Distribution: Arts and Humanities

HAA 234G

Translations and Negotiations: the Afterlife of the Roman Landscape

R 0900 AM - 1145 AM

Kaja Tally-Schumacher

Course ID: 224877

2025 Fall (4 Credits)

Instructor Permission Required

This course investigates the myriad ways ancient Roman place-making, visual culture, and thought have been evoked, utilized, weaponized, and translated in North American thought, design, and visual history. Our investigation juxtaposes well established connections between White Supremacy and the Classical Past with often overlooked Indigenous and Black engagement with classical forms. At the heart of our investigation are concepts of agency, ownership, and power, i.e. who shapes the land and who owns the classical forms? Topics explored include: the way Indigenous and Black artists, thinkers, and designers have engaged with and translated classical visual practices and concepts (such as Edmonia Lewis and Kent Monkman); Neoclassicism and White Supremacy (i.e. who owns the classical past in public parks? The question of Robert E. Lee/Marcus Aurelius); the entanglement between working the land and enslavement and the parallels and divergences between Roman and New World enslavement; the influence of Roman landscape design and horticulture on later American landscapes and gardens; the legacy of Roman surveying methods and centuriation in the mapping of the US; imperialism and the construction of the Other (Neoclassical portrayals of Indigenous figures in civic spaces in the guise of ancient Mediterranean barbarians); the translation and adoption of ancient Mediterranean and Roman visual culture in American cemeteries (including a class visit to Mount Auburn Cemetery). Class visits: Mount Auburn Cemetery (reached via public transportation) and the Harvard Map Collection.

Students must attend the first class meeting to maintain enrollment in this course. This GSD seminar (HIS 4521) is jointly offered with FAS as HAA 234G and CLS-STDY 224. Enrollment in each offering is capped but may be adjusted to account for student interest.

FAS Divisional Distribution: Arts and Humanities

HAA 236V

Threads of Survival: Armenian Liturgical Textiles

T 1200 PM - 0245 PM

Christina Maranci

This course studies Armenian liturgical and domestic textiles from local collections, putting them into their social, historical, ritual, and art-historical context.

FAS Divisional Distribution: Arts and Humanities

HAA 241P

The Diagram Paradigm: Diagrams in Medieval Art and Beyond

W 0300 PM - 0545 PM

Jeffrey Hamburger

In a networked age, diagrams are everywhere. From philosophy, semiotics and computer science to the burgeoning field of graphics, diagrams visualize knowledge in critical ways. This seminar will look at diagrams and the diagrammatic mode in medieval art — and beyond — as tools for thinking and for creating knowledge.

FAS Divisional Distribution: Arts and Humanities

HAA 253G

Stages of Life, in Art

W 0945 AM - 1145 AM

Joseph Koerner, Stephen Greenblatt

People change. They grow up and grow old, each differently but in ways divisible into stages. Different cultures and different eras understand and number these stages differently, but between birth and death bodies and minds develop and age. This interdisciplinary seminar, conducted together with a course in the English department taught by Professor Stephen Greenblatt, explores how art and literature, with their distinctive capabilities and limits, give visual and verbal shape to "life history" from infancy to "second childishness and mere oblivion, sans teeth, sans eyes, sans taste, sans everything" (Shakespeare). Focused on the European Renaissance with consideration of later (particularly Romantic) developments. Enrollment Limited."

FAS Divisional Distribution: Arts and Humanities

HAA 258G (1)

Sculpture, Theory and Practice: Donatello, Michelangelo, Bernini, Serpotta

T 1200 PM - 0245 PM

Shawon Kinew

Description TBD

Course ID: 226035

2026 Spring (4 Credits)

Instructor Permission Required

HAA 274

**The King's Money: Power, Art, and Economy in the Global Middle Ages
(Course Development Seminar)**

M 1200 PM - 0245 PM

Evridiki Georganteli

Course ID: 226190

2026 Spring (4 Credits)

Instructor Permission Required

This course provides graduate students the opportunity to help design a new course planned for the fall for AY26-27, "The King's Money: Power, Art, and Economy in the Global Middle Ages." The King's Money introduces Harvard undergraduates to the highly interrelated world between 500 and 1500 CE. The course is a journey through vibrant historical hubs, each connected in a complex web of trade, culture, and politics. From Byzantine Constantinople, Europe's cultural and commercial powerhouse, to the kingdom of Aksum, East Africa's crossroads of trade and religions, and from the splendor of Venice to Hangzhou, one of ancient China's capitals, as we trace Marco Polo's footsteps. Delving into the rise and fall of empires and kingdoms, we will investigate conflicts, journeys of exploration, economic and scientific developments, and a rich tapestry of art and material culture. At the core of The King's Money is the study of medieval currencies—the most widely circulated art form extending from Britain to the Indian Ocean. The course highlights how coins, seals, and medals served as vital symbols of political authority, artistic innovation, cultural identity, and economic exchange. By examining how disparate communities separated by language, religion, political systems, and swathes of land and sea interacted through currencies, we will gain insight into the profound connections money forges along routes of trade, warfare, pilgrimage, and diplomacy. The course also examines the lasting impact of medieval currencies on 21st-century economics, art and literature, politics, and national narratives, as well as their significance in museum collections and the digital landscape, emphasizing their relevance to our modern world

HAA 274G

Art, Race, and Politics

M 0300 PM - 0500 PM

Sarah Lewis

Course ID: 225895

2026 Spring (4 Credits)

Instructor Permission Required

How do images—photographs, films, and videos—create narratives that shape our definition of national belonging? Social media has changed how we ingest images. Protests, social injustice, and collective moments of triumph are all played out in photos and videos in real time unlike anything we thought possible just a few decades ago. What skills of visual literacy and critical consciousness are required to understand of the opportunities and challenges that technology is presenting to civic life? This seminar—primarily for graduates and open to undergraduates as well—will explore the connection between images and justice in America. What constitutes a figurative emblem of protest? What does effective resistance look like in art and in the digital realm? By the end of the course, students should be able to consider how images have had persuasive efficacy in the context of social and racial justice movements, critically engage with and contextualize the narratives surrounding images posted online, and understand how democratic rights are connected to visual representation in the United States.

HAA 276P

Photomontage & the Power of Assembly

T 1200 PM - 0245 PM

Maria Gough

Course ID: 121785

2025 Fall (4 Credits)

Instructor Permission Required

Photomontage—the assembly of photographic fragments—is as old as photography itself. Prompted by the Harvard Art Museums' recent accession of over one hundred works by Gustavs Klucis and Valentina Kulagina--leading Soviet photomonteurs of the 1920s and 1930s--and the Houghton Library's growing collection of photomontaged books and magazines, this seminar offers an episodic history of the medium from the 19th-

century to the advent of the digital age. Through first-hand examination of individual works, we study the medium's use in not only the fine arts, but also agitational political posters and postcards distributed en masse, protest flyers, magazines and albums, and monumental displays at exhibitions and trade fairs. Of particular interest is the recourse to photomontage for the expression of political dissent (Berlin Dada) and the affirmative representation of public assemblies and collectivities (Soviet avant-garde). In addition to Klucis and Kulagina, other photomonteurs to be discussed include Hannah Höch, John Heartfield, Marianne Brandt, El Lissitzky, Romare Bearden, and Martha Rosler. A darkroom session will introduce students to analogue processes, while a field trip will enable us to visit New York museums and meet with one of the world's most important collectors of photomontage. Open to graduate students and advanced undergraduates (with the permission of the instructor). Limit 10.

KEY DATES & INFO FOR PETITION PROCESS: By Tuesday, April 8 at the latest, please send me an email (gough@fas.harvard.edu) with your response to the following questions: 1. What year/program/school are you in? 2. Name three works of visual art or architecture (broadly construed, and may include any media) that you have seen in person. Describe each work in one to three sentences. (Please don't exceed this number.) 3. Do you have any extra-curricular commitments in Fall 2025? Are there any specific weekends when you would be unavailable for our New York field trip due to these commitments (eg attendance at a conference, participation in a performance on a Friday or Saturday evening)? 4. What draws you to this course? 5 (optional). Is there any other information about you or your interests that you'd like me to know? Then, by 11:59pm on Wednesday, April 9, I will let you know if you have a seat in the seminar. To secure your seat, you will then need to enroll in the course by 11:59pm on Friday, April 11. If you do not claim your seat by then, it will be offered to the next student on the waitlist. (Thank you in advance for your kind understanding about the necessity of internal deadlines here, due to the fact that there are only ten seats in the class, two of which, per Department policy, must be reserved for incoming G1 students [who cannot officially register until August].)

FAS Divisional Distribution: Arts and Humanities

HAA 276V

Africa and the Atlantic World

M 0900 AM - 1145 AM

Cecile Fromont

Course ID: 226017
2026 Spring (4 Credits)

Instructor Permission Required

A graduate reading seminar taking an interdisciplinary approach to the history of African art and expressive cultures, on the continent and its diasporas, with a focus on scholarship and museum exhibitions from the last 5 years.

HAA 277G

Curiosity: contemporary art and the practice of knowledge

R 1200 PM - 0245 PM

Carrie Lambert-Beatty

Course ID: 226027
2026 Spring (4 Credits)

Instructor Permission Required

This seminar explores a proposition: just as modernity demanded new forms of art--like motion pictures--to help manage new experiences of time, recent decades drafted art to work through ruptures in ways of knowing. Institutional critique, research-based practice, the archival impulse, pedagogical aesthetics, parafiction, forensics, speculative world-building; against the historical backdrop of multiculturalism, globalization, the internet, filter-bubbles, and post-truth politics. Key topics: how artists leveraged the epistemic dimensions of race and racism; why resistance to capitalism took the form of imposture and hoax; whether epistemic experience is aesthetic; and what art has to teach us about a progressive epistemic set: the values, capacities, and habits of knowing we need now.

HAA 279P

The Object in the Art Museum

T 0300 PM - 0545 PM

Joachim Homann, Kate Smith

Course ID: 211197
2026 Spring (4 Credits)

Instructor Permission Required

The field of art history is one of many that intersect within the walls of a museum where works of art live as sites of contemplation, tools of teaching and learning, and even the focus of scientific analysis. This object-centered seminar will introduce students to the complex pathways that collection objects travel from creation, into the market, within collections, and throughout the galleries where we encounter them. Through practical and written assignments accompanied by readings, as well as site visits and behind-the-scenes introductions, students will gain an understanding of how a museum experience is conceived and built. The course will consider the key

issues, debates, and interpretative strategies driving museum practice, and tackle existential questions about the role and responsibility of the 21st-century museum. Students will research individual objects, identify potential acquisitions, and conceive and propose an installation design at the end of the semester. The course will meet at the Harvard Art Museums, a uniquely rich university museum environment endowed with deep collections and state of the art curatorial and conservation facilities.

FAS Divisional Distribution: Arts and Humanities

HAA 282K

Art of Indian Esoteric Buddhism

M 0300 PM - 0545 PM

Jinah Kim

Course ID: 156273
2025 Fall (4 Credits)

Instructor Permission Required

This seminar explores the art of Indian Esoteric Buddhism from various interpretive vantage points. After a brief historiographical introduction, we will examine scholarly discourses on Esoteric or Tantric Buddhism in relation to the artistic productions in medieval South Asia (ca. 800-1200CE). We will read *sādhana*s (ritual texts for visualization practices) and study the formal and historical structure of Esoteric Buddhist iconography as it developed in the Indian sub-continent. The two main topics for this semester will be 1) Saiva-Buddhist interactions as manifested in iconographic and artistic articulations, and 2) women in the age of tantra. Students will engage in case studies exploring a historical relationship between ritual practices and artistic outputs in various Esoteric Buddhist contexts, which may include comparative examples from outside the Indian sub-continent.

FAS Divisional Distribution: Arts and Humanities

HAA 289G

Japanese Screen Paintings

W 0300 PM - 0545 PM

Melissa M. McCormick

Course ID: 226369
2026 Spring (4 Credits)

Instructor Permission Required

This graduate course surveys the history and development of the folding-screen format in Japanese painting from the 8th to the 20th centuries. Through a series of case studies, the course explores art historical issues for which the folding screen provides a unique perspective, including the relationships between painting and architectural space, poetic practice, and religious ritual. Functioning simultaneously as furniture and pictorial surface, spatial divide and architectural decor, the folding screen has played an important role in shaping culture and lived experience in the Japanese archipelago for over a millennium. Transportable and displayable in a variety of ways, the folding screen can surround a space and immediately charge it with meaning. Some of the most historically significant Japanese paintings were executed in this format, and its influence around the world can be seen in everything from the painted panels of James McNeil Whistler to the biombo of colonial Latin America. This graduate lecture surveys the history and development of the Japanese folding screen from the 8th to the 20th centuries. Each week will focus on one case study from the screen painting tradition to highlight a historical theme and methodological problem closely linked to the unique properties of this format. These themes offer a range of issues crucial to the reconceptualization of Japanese painting history as a whole: 1) The function of screens in different social spaces (the Nara Imperial Palace, the Heian aristocratic compound, the Buddhist temple hall, the Ashikaga shogunal residence; or the modern reception room); 2) the various text-image relationships embodied by different types of screens (including both the relationship of painting to poetic practice and the pictorialization of narrative texts); 3) the role of screens in religious ritual, including the Esoteric initiation (*abisekha*) ceremony and mortuary practice; 4) compositional strategies reflected in the adaptations of painting subjects in other formats to the folding-screen surface; 5) the function of screens as representations of different types of topoi, charged with a panoply of political and cultural meanings; and 6) the interpretation of depictions of screens within other paintings.

HAA 291R

Topics in Pre-Columbian and Colonial Art

F 1200 PM - 0245 PM

Thomas Cummins

Course ID: 121209
2026 Spring (4 Credits)

Instructor Permission Required

Topics to be determined in consideration of interests of students.

HAA 300 Reading and Research <i>No meeting time listed</i> David Roxburgh	Course ID: 116620 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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HAA 300 (002) Reading and Research <i>No meeting time listed</i> Jeffrey Hamburger	Course ID: 116620 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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HAA 300 (002) Reading and Research <i>No meeting time listed</i> Jeffrey Hamburger	Course ID: 116620 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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HAA 300 (003) Reading and Research <i>No meeting time listed</i> Melissa M. McCormick	Course ID: 116620 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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HAA 300 (003) Reading and Research <i>No meeting time listed</i> Melissa M. McCormick	Course ID: 116620 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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HAA 300 (004) Reading and Research <i>No meeting time listed</i> Felipe Pereda	Course ID: 116620 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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HAA 300 (005) Reading and Research <i>No meeting time listed</i> Maria Gough	Course ID: 116620 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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HAA 300 (005) Reading and Research <i>No meeting time listed</i> Maria Gough	Course ID: 116620 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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HAA 300 (006) Reading and Research <i>No meeting time listed</i> Alina Payne	Course ID: 116620 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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HAA 300 (006)	Course ID: 116620
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Alina Payne</i>	
HAA 300 (007)	Course ID: 116620
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Jennifer L. Roberts</i>	
HAA 300 (007)	Course ID: 116620
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Jennifer L. Roberts</i>	
HAA 300 (008)	Course ID: 116620
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Ewa Lajer-Burcharth</i>	
HAA 300 (008)	Course ID: 116620
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Ewa Lajer-Burcharth</i>	
HAA 300 (009)	Course ID: 116620
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Ioli Kalavrezou</i>	
HAA 300 (009)	Course ID: 116620
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Ioli Kalavrezou</i>	
HAA 300 (010)	Course ID: 116620
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Carrie Lambert-Beatty</i>	
HAA 300 (010)	Course ID: 116620
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Carrie Lambert-Beatty</i>	
HAA 300 (011)	Course ID: 116620
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Sarah Lewis</i>	

HAA 300 (011)	Course ID: 116620
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Sarah Lewis	
HAA 300 (012)	Course ID: 116620
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Jinah Kim	
HAA 300 (012)	Course ID: 116620
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Jinah Kim	
HAA 300 (013)	Course ID: 116620
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Joseph Connors	
HAA 300 (013)	Course ID: 116620
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Joseph Connors	
HAA 300 (014)	Course ID: 116620
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Benjamin Buchloh	
HAA 300 (014)	Course ID: 116620
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Benjamin Buchloh	
HAA 300 (015)	Course ID: 116620
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Gulru Necipoglu-Kafadar	
HAA 300 (015)	Course ID: 116620
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Gulru Necipoglu-Kafadar	
HAA 300 (016)	Course ID: 116620
Reading and Research	2025 Fall (4 Credits)

No meeting time listed
Joseph Koerner

Instructor Permission Required

HAA 300 (016)
Reading and Research
No meeting time listed
Joseph Koerner

Course ID: 116620
2026 Spring (4 Credits)
Instructor Permission Required

HAA 300 (017)
Reading and Research
No meeting time listed
Suzanne Blier

Course ID: 116620
2025 Fall (4 Credits)
Instructor Permission Required

HAA 300 (017)
Reading and Research
No meeting time listed
Suzanne Blier

Course ID: 116620
2026 Spring (4 Credits)
Instructor Permission Required

HAA 300 (018)
Reading and Research
No meeting time listed
Thomas Cummins

Course ID: 116620
2025 Fall (4 Credits)
Instructor Permission Required

HAA 300 (018)
Reading and Research
No meeting time listed
Thomas Cummins

Course ID: 116620
2026 Spring (4 Credits)
Instructor Permission Required

HAA 300 (019)
Reading and Research
No meeting time listed
Robin Kelsey

Course ID: 116620
2025 Fall (4 Credits)
Instructor Permission Required

HAA 300 (019)
Reading and Research
No meeting time listed
Robin Kelsey

Course ID: 116620
2026 Spring (4 Credits)
Instructor Permission Required

HAA 300 (020)
Reading and Research
No meeting time listed
Eugene Wang

Course ID: 116620
2025 Fall (4 Credits)
Instructor Permission Required

HAA 300 (020)
Reading and Research
No meeting time listed
Eugene Wang

Course ID: 116620
2026 Spring (4 Credits)
Instructor Permission Required

HAA 300 (021)	Course ID: 116620
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Yukio Lippit</i>	
HAA 300 (021)	Course ID: 116620
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Yukio Lippit</i>	
HAA 300 (022)	Course ID: 116620
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Felipe Pereda</i>	
HAA 300 (022)	Course ID: 116620
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>David Roxburgh</i>	
HAA 300 (023)	Course ID: 116620
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Patricio del Real</i>	
HAA 300 (023)	Course ID: 116620
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Patricio del Real</i>	
HAA 300 (024)	Course ID: 116620
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Shawon Kinew</i>	
HAA 300 (024)	Course ID: 116620
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Shawon Kinew</i>	
HAA 300 (036)	Course ID: 116620
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Vishal Khandelwal</i>	
HAA 300 (037)	Course ID: 116620
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Christina Maranci</i>	

HAA 300 (24)
Reading and Research
No meeting time listed
Christina Maranci

Course ID: 116620
2026 Spring (4 Credits)
Instructor Permission Required

HAA 300 (25)
Reading and Research
No meeting time listed
Vishal Khandelwal

Course ID: 116620
2026 Spring (4 Credits)
Instructor Permission Required

HAA 310A
Methods and Theory of Art History
T 0945 AM - 1145 AM
Felipe Pereda

Course ID: 122674
2025 Fall (4 Credits)
Instructor Permission Required

HAA 310B
Works of Art: Materials, Forms, Histories
T 0945 AM - 1145 AM
Felipe Pereda

Course ID: 126514
2026 Spring (4 Credits)
Instructor Permission Required

HAA 380
Graduate Teaching
No meeting time listed
Felipe Pereda

Course ID: 208363
2025 Fall (4 Credits)

Graduate teaching course for students affiliated with History of Art and Architecture.

Requires: Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HAA 380
Graduate Teaching
No meeting time listed
Felipe Pereda

Course ID: 208363
2026 Spring (4 Credits)

Graduate teaching course for students affiliated with History of Art and Architecture.

Requires: Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HAA 385
Qualifying Paper
No meeting time listed
David Roxburgh

Course ID: 218885
2025 Fall (4 Credits)
Instructor Permission Required

HAA 385
Qualifying Paper
No meeting time listed
Jennifer L. Roberts

Course ID: 218885
2026 Spring (4 Credits)
Instructor Permission Required

HAA 385 (002) Qualifying Paper <i>No meeting time listed</i> <i>Suzanne Blier</i>	Course ID: 218885 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (002) Qualifying Paper <i>No meeting time listed</i> <i>David Roxburgh</i>	Course ID: 218885 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (003) Qualifying Paper <i>No meeting time listed</i> <i>Thomas Cummins</i>	Course ID: 218885 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (003) Qualifying Paper <i>No meeting time listed</i> <i>Shawon Kinew</i>	Course ID: 218885 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (004) Qualifying Paper <i>No meeting time listed</i> <i>Patricio del Real</i>	Course ID: 218885 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (004) Qualifying Paper <i>No meeting time listed</i> <i>Patricio del Real</i>	Course ID: 218885 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (005) Qualifying Paper <i>No meeting time listed</i> <i>Evridiki Georganteli</i>	Course ID: 218885 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (005) Qualifying Paper <i>No meeting time listed</i> <i>Felipe Pereda</i>	Course ID: 218885 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (006) Qualifying Paper <i>No meeting time listed</i> <i>Maria Gough</i>	Course ID: 218885 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (006) Qualifying Paper <i>No meeting time listed</i> <i>Yukio Lippit</i>	Course ID: 218885 2026 Spring (4 Credits) <i>Instructor Permission Required</i>

HAA 385 (007) Qualifying Paper <i>No meeting time listed</i> Jeffrey Hamburger	Course ID: 218885 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (007) Qualifying Paper <i>No meeting time listed</i> Eugene Wang	Course ID: 218885 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (008) Qualifying Paper <i>No meeting time listed</i> Ioli Kalavrezou	Course ID: 218885 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (008) Qualifying Paper <i>No meeting time listed</i> Robin Kelsey	Course ID: 218885 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (009) Qualifying Paper <i>No meeting time listed</i> Robin Kelsey	Course ID: 218885 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (009) Qualifying Paper <i>No meeting time listed</i> Thomas Cummins	Course ID: 218885 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (010) Qualifying Paper <i>No meeting time listed</i> Jinah Kim	Course ID: 218885 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (010) Qualifying Paper <i>No meeting time listed</i> Suzanne Blier	Course ID: 218885 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (011) Qualifying Paper <i>No meeting time listed</i> Shawon Kinew	Course ID: 218885 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (011) Qualifying Paper	Course ID: 218885 2026 Spring (4 Credits)

No meeting time listed
Joseph Koerner

Instructor Permission Required

HAA 385 (012)
Qualifying Paper
No meeting time listed
Joseph Koerner

Course ID: 218885
2025 Fall (4 Credits)
Instructor Permission Required

HAA 385 (012)
Qualifying Paper
No meeting time listed
Gulru Necipoglu-Kafadar

Course ID: 218885
2026 Spring (4 Credits)
Instructor Permission Required

HAA 385 (013)
Qualifying Paper
No meeting time listed
Ewa Lajer-Burcharth

Course ID: 218885
2025 Fall (4 Credits)
Instructor Permission Required

HAA 385 (013)
Qualifying Paper
No meeting time listed
Joseph Connors

Course ID: 218885
2026 Spring (4 Credits)
Instructor Permission Required

HAA 385 (014)
Qualifying Paper
No meeting time listed
Carrie Lambert-Beatty

Course ID: 218885
2025 Fall (4 Credits)
Instructor Permission Required

HAA 385 (014)
Qualifying Paper
No meeting time listed
Sarah Lewis

Course ID: 218885
2026 Spring (4 Credits)
Instructor Permission Required

HAA 385 (015)
Qualifying Paper
No meeting time listed
Sarah Lewis

Course ID: 218885
2025 Fall (4 Credits)
Instructor Permission Required

HAA 385 (015)
Qualifying Paper
No meeting time listed
Carrie Lambert-Beatty

Course ID: 218885
2026 Spring (4 Credits)
Instructor Permission Required

HAA 385 (016)
Qualifying Paper
No meeting time listed
Yukio Lippit

Course ID: 218885
2025 Fall (4 Credits)
Instructor Permission Required

HAA 385 (016) Qualifying Paper <i>No meeting time listed</i> <i>Ioli Kalavrezou</i>	Course ID: 218885 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (017) Qualifying Paper <i>No meeting time listed</i> <i>Gulru Necipoglu-Kafadar</i>	Course ID: 218885 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (017) Qualifying Paper <i>No meeting time listed</i> <i>Alina Payne</i>	Course ID: 218885 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (018) Qualifying Paper <i>No meeting time listed</i> <i>Alina Payne</i>	Course ID: 218885 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (018) Qualifying Paper <i>No meeting time listed</i> <i>Maria Gough</i>	Course ID: 218885 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (019) Qualifying Paper <i>No meeting time listed</i> <i>Felipe Pereda</i>	Course ID: 218885 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (019) Qualifying Paper <i>No meeting time listed</i> <i>Jeffrey Hamburger</i>	Course ID: 218885 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (020) Qualifying Paper <i>No meeting time listed</i> <i>Jennifer L. Roberts</i>	Course ID: 218885 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (020) Qualifying Paper <i>No meeting time listed</i> <i>Jinah Kim</i>	Course ID: 218885 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (021) Qualifying Paper <i>No meeting time listed</i> <i>Eugene Wang</i>	Course ID: 218885 2025 Fall (4 Credits) <i>Instructor Permission Required</i>

HAA 385 (021) Qualifying Paper <i>No meeting time listed</i> <i>Evridiki Georganteli</i>	Course ID: 218885 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (22) Qualifying Paper <i>No meeting time listed</i> <i>Christina Maranci</i>	Course ID: 218885 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (22) Qualifying Paper <i>No meeting time listed</i> <i>Vishal Khandelwal</i>	Course ID: 218885 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (23) Qualifying Paper <i>No meeting time listed</i> <i>Vishal Khandelwal</i>	Course ID: 218885 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HAA 385 (23) Qualifying Paper <i>No meeting time listed</i> <i>Christina Maranci</i>	Course ID: 218885 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HAA 390 General Examination Preparation <i>No meeting time listed</i> <i>Jennifer L. Roberts</i>	Course ID: 218886 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HAA 390 General Examination Preparation <i>No meeting time listed</i> <i>Jinah Kim</i>	Course ID: 218886 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HAA 390 (002) General Examination Preparation <i>No meeting time listed</i> <i>Evridiki Georganteli</i>	Course ID: 218886 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HAA 390 (002) General Examination Preparation <i>No meeting time listed</i> <i>Jennifer L. Roberts</i>	Course ID: 218886 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HAA 390 (003) General Examination Preparation	Course ID: 218886 2025 Fall (4 Credits)

No meeting time listed
Shawon Kinew

Instructor Permission Required

HAA 390 (003)
General Examination Preparation
No meeting time listed
Evridiki Georganteli

Course ID: 218886
2026 Spring (4 Credits)
Instructor Permission Required

HAA 390 (004)
General Examination Preparation
No meeting time listed
Patricio del Real

Course ID: 218886
2025 Fall (4 Credits)
Instructor Permission Required

HAA 390 (004)
General Examination Preparation
No meeting time listed
Shawon Kinew

Course ID: 218886
2026 Spring (4 Credits)
Instructor Permission Required

HAA 390 (005)
General Examination Preparation
No meeting time listed
Felipe Pereda

Course ID: 218886
2025 Fall (4 Credits)
Instructor Permission Required

HAA 390 (005)
General Examination Preparation
No meeting time listed
Patricio del Real

Course ID: 218886
2026 Spring (4 Credits)
Instructor Permission Required

HAA 390 (006)
General Examination Preparation
No meeting time listed
Yukio Lippit

Course ID: 218886
2025 Fall (4 Credits)
Instructor Permission Required

HAA 390 (006)
General Examination Preparation
No meeting time listed
Felipe Pereda

Course ID: 218886
2026 Spring (4 Credits)
Instructor Permission Required

HAA 390 (007)
General Examination Preparation
No meeting time listed
Eugene Wang

Course ID: 218886
2025 Fall (4 Credits)
Instructor Permission Required

HAA 390 (007)
General Examination Preparation
No meeting time listed
Yukio Lippit

Course ID: 218886
2026 Spring (4 Credits)
Instructor Permission Required

HAA 390 (008)	Course ID: 218886
General Examination Preparation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Robin Kelsey</i>	
HAA 390 (008)	Course ID: 218886
General Examination Preparation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Eugene Wang</i>	
HAA 390 (009)	Course ID: 218886
General Examination Preparation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Thomas Cummins</i>	
HAA 390 (009)	Course ID: 218886
General Examination Preparation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Robin Kelsey</i>	
HAA 390 (010)	Course ID: 218886
General Examination Preparation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Suzanne Blier</i>	
HAA 390 (010)	Course ID: 218886
General Examination Preparation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Thomas Cummins</i>	
HAA 390 (011)	Course ID: 218886
General Examination Preparation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Joseph Koerner</i>	
HAA 390 (011)	Course ID: 218886
General Examination Preparation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Suzanne Blier</i>	
HAA 390 (012)	Course ID: 218886
General Examination Preparation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Gulru Necipoglu-Kafadar</i>	
HAA 390 (012)	Course ID: 218886
General Examination Preparation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Joseph Koerner</i>	

HAA 390 (013)	Course ID: 218886
General Examination Preparation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Sarah Lewis	
HAA 390 (013)	Course ID: 218886
General Examination Preparation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Gulru Necipoglu-Kafadar	
HAA 390 (014)	Course ID: 218886
General Examination Preparation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Carrie Lambert-Beatty	
HAA 390 (014)	Course ID: 218886
General Examination Preparation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Sarah Lewis	
HAA 390 (015)	Course ID: 218886
General Examination Preparation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Ioli Kalavrezou	
HAA 390 (015)	Course ID: 218886
General Examination Preparation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Carrie Lambert-Beatty	
HAA 390 (016)	Course ID: 218886
General Examination Preparation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Ewa Lajer-Burcharth	
HAA 390 (016)	Course ID: 218886
General Examination Preparation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Ioli Kalavrezou	
HAA 390 (017)	Course ID: 218886
General Examination Preparation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Alina Payne	
HAA 390 (017)	Course ID: 218886
General Examination Preparation	2026 Spring (4 Credits)

No meeting time listed
Ewa Lajer-Burcharth

Instructor Permission Required

HAA 390 (018)
General Examination Preparation
No meeting time listed
Maria Gough

Course ID: 218886
2025 Fall (4 Credits)

Instructor Permission Required

HAA 390 (018)
General Examination Preparation
No meeting time listed
Alina Payne

Course ID: 218886
2026 Spring (4 Credits)

Instructor Permission Required

HAA 390 (019)
General Examination Preparation
No meeting time listed
Jeffrey Hamburger

Course ID: 218886
2025 Fall (4 Credits)

Instructor Permission Required

HAA 390 (019)
General Examination Preparation
No meeting time listed
Maria Gough

Course ID: 218886
2026 Spring (4 Credits)

Instructor Permission Required

HAA 390 (020)
General Examination Preparation
No meeting time listed
David Roxburgh

Course ID: 218886
2025 Fall (4 Credits)

Instructor Permission Required

HAA 390 (020)
General Examination Preparation
No meeting time listed
David Roxburgh

Course ID: 218886
2026 Spring (4 Credits)

Instructor Permission Required

HAA 390 (021)
General Examination Preparation
No meeting time listed
Jinah Kim

Course ID: 218886
2025 Fall (4 Credits)

Instructor Permission Required

HAA 390 (021)
General Examination Preparation
No meeting time listed
Jeffrey Hamburger

Course ID: 218886
2026 Spring (4 Credits)

Instructor Permission Required

HAA 390 (024)
General Examination Preparation

Course ID: 218886
2025 Fall (4 Credits)

Instructor Permission Required

HAA 390 (22)	Course ID: 218886
General Examination Preparation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Christina Maranci</i>	

HAA 390 (22)	Course ID: 218886
General Examination Preparation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Christina Maranci</i>	

HAA 390 (23)	Course ID: 218886
General Examination Preparation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Vishal Khandelwal</i>	

HAA 390 (23)	Course ID: 218886
General Examination Preparation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Vishal Khandelwal</i>	

HAA 399	Course ID: 118897
Direction of Doctoral Dissertations	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>David Roxburgh</i>	

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399	Course ID: 118897
Direction of Doctoral Dissertations	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Ewa Lajer-Burcharth</i>	

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (002)	Course ID: 118897
Direction of Doctoral Dissertations	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Jeffrey Hamburger</i>	

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (002)	Course ID: 118897
Direction of Doctoral Dissertations	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>

Jeffrey Hamburger

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (003)

Direction of Doctoral Dissertations

No meeting time listed

Melissa M. McCormick

Course ID: 118897
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (003)

Direction of Doctoral Dissertations

No meeting time listed

Melissa M. McCormick

Course ID: 118897
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (004)

Direction of Doctoral Dissertations

No meeting time listed

David Roxburgh

Course ID: 118897
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (005)

Direction of Doctoral Dissertations

No meeting time listed

Maria Gough

Course ID: 118897
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (005)

Direction of Doctoral Dissertations

No meeting time listed

Maria Gough

Course ID: 118897
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (006)

Direction of Doctoral Dissertations

No meeting time listed

Alina Payne

Course ID: 118897

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (006)

Direction of Doctoral Dissertations

No meeting time listed

Alina Payne

Course ID: 118897

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (007)

Direction of Doctoral Dissertations

No meeting time listed

Jennifer L. Roberts

Course ID: 118897

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (007)

Direction of Doctoral Dissertations

No meeting time listed

Jennifer L. Roberts

Course ID: 118897

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (008)

Direction of Doctoral Dissertations

No meeting time listed

Ewa Lajer-Burcharth

Course ID: 118897

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (009)

Direction of Doctoral Dissertations

No meeting time listed

Ioli Kalavrezou

Course ID: 118897

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (009)

Direction of Doctoral Dissertations

No meeting time listed

Ioli Kalavrezou

Course ID: 118897
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (010)

Direction of Doctoral Dissertations

No meeting time listed

Carrie Lambert-Beatty

Course ID: 118897
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (010)

Direction of Doctoral Dissertations

No meeting time listed

Carrie Lambert-Beatty

Course ID: 118897
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (011)

Direction of Doctoral Dissertations

No meeting time listed

Sarah Lewis

Course ID: 118897
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (011)

Direction of Doctoral Dissertations

No meeting time listed

Sarah Lewis

Course ID: 118897
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (012)

Direction of Doctoral Dissertations

No meeting time listed

Jinah Kim

Course ID: 118897
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (012)

Direction of Doctoral Dissertations

No meeting time listed

Jinah Kim

Course ID: 118897
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (013)

Direction of Doctoral Dissertations

No meeting time listed

Joseph Connors

Course ID: 118897
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (013)

Direction of Doctoral Dissertations

No meeting time listed

Joseph Connors

Course ID: 118897
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (014)

Direction of Doctoral Dissertations

No meeting time listed

Benjamin Buchloh

Course ID: 118897
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (014)

Direction of Doctoral Dissertations

No meeting time listed

Benjamin Buchloh

Course ID: 118897
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (015)

Direction of Doctoral Dissertations

No meeting time listed

Gulru Necipoglu-Kafadar

Course ID: 118897

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (015)

Direction of Doctoral Dissertations

No meeting time listed

Gulru Necipoglu-Kafadar

Course ID: 118897

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (016)

Direction of Doctoral Dissertations

No meeting time listed

Joseph Koerner

Course ID: 118897

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (016)

Direction of Doctoral Dissertations

No meeting time listed

Joseph Koerner

Course ID: 118897

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (017)

Direction of Doctoral Dissertations

No meeting time listed

Suzanne Blier

Course ID: 118897

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (017)

Direction of Doctoral Dissertations

No meeting time listed

Suzanne Blier

Course ID: 118897

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (018)

Direction of Doctoral Dissertations

No meeting time listed

Thomas Cummins

Course ID: 118897

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (018)

Direction of Doctoral Dissertations

No meeting time listed

Thomas Cummins

Course ID: 118897

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (019)

Direction of Doctoral Dissertations

No meeting time listed

Robin Kelsey

Course ID: 118897

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (019)

Direction of Doctoral Dissertations

No meeting time listed

Robin Kelsey

Course ID: 118897

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (020)

Direction of Doctoral Dissertations

No meeting time listed

Eugene Wang

Course ID: 118897

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (020)

Direction of Doctoral Dissertations

No meeting time listed

Eugene Wang

Course ID: 118897

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (021)

Direction of Doctoral Dissertations

No meeting time listed

Yukio Lippit

Course ID: 118897
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (021)

Direction of Doctoral Dissertations

No meeting time listed

Yukio Lippit

Course ID: 118897
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (022)

Direction of Doctoral Dissertations

No meeting time listed

Felipe Pereda

Course ID: 118897
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (022)

Direction of Doctoral Dissertations

No meeting time listed

Felipe Pereda

Course ID: 118897
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (023)

Direction of Doctoral Dissertations

No meeting time listed

Patricio del Real

Course ID: 118897
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (023)

Direction of Doctoral Dissertations

No meeting time listed

Patricio del Real

Course ID: 118897

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (024)

Direction of Doctoral Dissertations

No meeting time listed

Shawon Kineu

Course ID: 118897

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (024)

Direction of Doctoral Dissertations

No meeting time listed

Shawon Kineu

Course ID: 118897

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (24)

Direction of Doctoral Dissertations

No meeting time listed

Christina Maranci

Course ID: 118897

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (24)

Direction of Doctoral Dissertations

No meeting time listed

Christina Maranci

Course ID: 118897

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (25)

Direction of Doctoral Dissertations

No meeting time listed

Vishal Khandelwal

Course ID: 118897

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

HAA 399 (25)

Direction of Doctoral Dissertations

No meeting time listed

Vishal Khandelwal

Course ID: 118897

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

History of Science

History of Science

HISTSCI 91R

Supervised Reading and Research

No meeting time listed

Anne Harrington

Course ID: 110583

2026 Spring (4 Credits)

Instructor Permission Required

Programs of directed reading and research to be conducted by a person approved by the Department.

FAS Divisional Distribution: Social Sciences

HISTSCI 91R

Supervised Reading and Research

No meeting time listed

Anne Harrington

Course ID: 110583

2025 Fall (4 Credits)

Instructor Permission Required

Programs of directed reading and research to be conducted by a person approved by the Department.

FAS Divisional Distribution: Social Sciences

HISTSCI 97

Tutorial - Sophomore Year

M 1245 PM - 0245 PM

Leslie-William Robinson

Course ID: 115419

2026 Spring (4 Credits)

Instructor Permission Required

Sophomore tutorial is a hands-on course that introduces students to some of the most exciting and productive questions in the history of science, technology and medicine, while developing critical reading, presentation and discussion skills. Small groups of students will tackle different aspects of a larger theme each week and share discoveries in sessions led by the faculty instructor. The course will be further enhanced by a series of supervised individual projects.

Course Note: Required for undergraduate concentration in History and Science.

Students must register for a plenary class session that meets on Mondays from 12:45-2:45pm OR 3:00-5:00pm, a weekly section to be arranged.

FAS Divisional Distribution: Social Sciences

HISTSCI 97 (002)

Tutorial - Sophomore Year

M 0300 PM - 0500 PM

Leslie-William Robinson

Course ID: 115419

2026 Spring (4 Credits)

Instructor Permission Required

Sophomore tutorial is a hands-on course that introduces students to some of the most exciting and productive

questions in the history of science, technology and medicine, while developing critical reading, presentation and discussion skills. Small groups of students will tackle different aspects of a larger theme each week and share discoveries in sessions led by the faculty instructor. The course will be further enhanced by a series of supervised individual projects.

Course Note: Required for undergraduate concentration in History and Science.

Students must register for a plenary class session that meets on Mondays from 12:45-2:45pm OR 3:00-5:00pm, a weekly section to be arranged.

FAS Divisional Distribution: Social Sciences

HISTSCI 98

Course ID: 109660

Tutorial - Junior Year

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Anne Harrington, Simon Torracinta

This one-semester junior tutorial is a research-oriented tutorial taken in small groups. Focuses on enhancing research and writing skills through the completion of a directed research paper on subject matter of the student's interest. May be taken in either the fall or spring semester.

FAS Divisional Distribution: Social Sciences

HISTSCI 98

Course ID: 109660

Tutorial - Junior Year

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Anne Harrington, Leslie-William Robinson, Simon Torracinta

This one-semester junior tutorial is a research-oriented tutorial taken in small groups. Focuses on enhancing research and writing skills through the completion of a directed research paper on subject matter of the student's interest. May be taken in either the fall or spring semester.

This class requires students to enroll in an untimed, placeholder section during registration. Sections will be assigned soon after registration based on student preferences.

FAS Divisional Distribution: Social Sciences

HISTSCI 99A

Course ID: 118977

Tutorial - Senior Year

2025 Fall (4 Credits)

F 1030 AM - 1145 AM

Instructor Permission Required

Erik Baker

Faculty-led seminar and intensive work with an individual advisor, directed towards production of the senior honors thesis. Part one of a two part series.

Course Note: Students are expected to complete a thesis or submit a research paper or other approved project in order to receive course credit. This course must be taken Sat/Unsat.

Prerequisite: HISTSCI 98, Tutorial - Junior Year and History and Science concentrators.

FAS Divisional Distribution: Social Sciences

HISTSCI 99A

Course ID: 118977

Tutorial - Senior Year

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Erik Baker

Faculty-led seminar and intensive work with an individual advisor, directed towards production of the senior honors thesis. Part one of a two part series.

Course Note: Students are expected to complete a thesis or submit a research paper or other approved project in order to receive course credit. This course must be taken Sat/Unsat.

Prerequisite: HISTSCI 98, Tutorial - Junior Year and History and Science concentrators.

HISTSCI 99A (002)

Tutorial - Senior Year

F 1200 PM - 0115 PM

Erik Baker

Course ID: 118977

2025 Fall (4 Credits)

Instructor Permission Required

Faculty-led seminar and intensive work with an individual advisor, directed towards production of the senior honors thesis. Part one of a two part series.

Course Note: Students are expected to complete a thesis or submit a research paper or other approved project in order to receive course credit. This course must be taken Sat/Unsat.

Prerequisite: HISTSCI 98, Tutorial - Junior Year and History and Science concentrators.

FAS Divisional Distribution: Social Sciences

HISTSCI 99B

Tutorial - Senior Year

No meeting time listed

Erik Baker

Course ID: 109263

2025 Fall (4 Credits)

Instructor Permission Required

Faculty-led seminar and intensive work with an individual advisor, directed towards production of the senior honors thesis. Part two of a two part series.

Course Note: Students are expected to complete a thesis or submit a research paper or other approved project in order to receive course credit. This course must be taken Sat/Unsat.

Prerequisite: HISTSCI 98 - Tutorial - Junior Year and History and Science concentrators.

FAS Divisional Distribution: Social Sciences

HISTSCI 99B

Tutorial - Senior Year

F 1030 AM - 1145 AM

Erik Baker

Course ID: 109263

2026 Spring (4 Credits)

Instructor Permission Required

Faculty-led seminar and intensive work with an individual advisor, directed towards production of the senior honors thesis. Part two of a two part series.

Course Note: Students are expected to complete a thesis or submit a research paper or other approved project in order to receive course credit. This course must be taken Sat/Unsat.

Prerequisite: HISTSCI 98 - Tutorial - Junior Year and History and Science concentrators.

FAS Divisional Distribution: Social Sciences

HISTSCI 99B (002)

Tutorial - Senior Year

F 1200 PM - 0115 PM

Erik Baker

Course ID: 109263

2026 Spring (4 Credits)

Instructor Permission Required

Faculty-led seminar and intensive work with an individual advisor, directed towards production of the senior honors thesis. Part two of a two part series.

Course Note: Students are expected to complete a thesis or submit a research paper or other approved project in order to receive course credit. This course must be taken Sat/Unsat.

Prerequisite: HISTSCI 98 - Tutorial - Junior Year and History and Science concentrators.

FAS Divisional Distribution: Social Sciences

HISTSCI 100

Knowing the World: An Introduction to the History of Science

MW 1030 AM - 1145 AM

Alex Csiszar

What are the origins of modern science and of the scientific method? Have the ways of knowing the world of different cultures and societies changed over time? How has scientific knowledge been related to other enterprises such as art, religion, literature, and commerce? We will ask these questions and more through a broad survey of many of the crucial moments in the development of science from the Middle Ages to the present day. Topics and figures will include Ibn Sina, Li Shizhen, Galileo, evolution, eugenics, the atomic bomb, and the human genome project.

Course Note: HISTSCI 100 is a required course for students in the History and Science concentration.

FAS Divisional Distribution: Social Sciences

HISTSCI 101

Making the World: An Introduction to the History of Technology

MW 0130 PM - 0245 PM

Victor Seow, Eric Gurevitch

How do people use technologies to transform the world, and how are we transformed in the process? Who—or what—drives technological innovation? How does technology relate to nature, to art, to science? What might machines tell us about our humanity? In this course, we will explore these and other questions through a broad survey of the social life of technology across the globe from the past to the present. Our contention here is that by gaining a deeper understanding of technology in history, you will become a better user—and possibly maker—of technical things in this thoroughly technological world.

HISTSCI 1110

Galileo: Discovery, Faith, Ego, and the Making of Scientific Controversy

M 1200 PM - 0245 PM

Hannah Marcus

Course ID: 226375

2025 Fall (4 Credits)

Instructor Permission Required

Galileo Galilei (1564-1642) is undeniably among the most iconic scientists in history. His long career was defined by scientific controversy. From early disputes over his military compass to his telescopic discoveries and vocal advocacy for a heliocentric cosmos despite religious opposition, Galileo never shied away from a scientific dispute. This class explores the life and writings of Galileo and his family, disciples, and adversaries. We will appreciate Galileo's inventive work and striking prose, critique his social and scientific strategies, and grapple with the deep impression that this figure has left on the history and future of scientific controversy.

FAS Divisional Distribution: Social Sciences

HISTSCI 1115

The Occult: A History of Science and Magic before Modernity

M 1245 PM - 0245 PM

Hannah Marcus

Course ID: 226398

2026 Spring (4 Credits)

Instructor Permission Required

The histories of science and magic are deeply intertwined. Both of these knowledge traditions offered ways to understand and harness the powers of the natural world. In this seminar we will read key texts in the premodern histories of occult practices from across the medieval and early modern Mediterranean world. We will explore the distinct but interconnected practices of astrology, alchemy, divination, and demonology alongside "mainstream" natural philosophical traditions.

HISTSCI 1338

Sex, Gender, and Evolution

No meeting time listed

Sarah Richardson

Evolutionary theories of sex and gender and central controversies in human evolutionary biology from Darwin to the present. Topics include debates over the theory of sexual selection and the evolutionary basis of monogamy, sexual preference, physical attraction, rape, maternal instinct, and sex differences in cognition. Readings: primary texts and historical, philosophical, and feminist analyses.

FAS Divisional Distribution: Social Sciences

HISTSCI 1350

Modern Life Science: From Pasteur to CRISPR

MW 0130 PM - 0245 PM

Rijul Kochhar

Course ID: 224530
2026 Spring (4 Credits)

Instructor Permission Required

What do we mean when we speak of the "the modern life sciences"? In this course, we examine this question following Darwin's revolutionary theories of evolution. We cover a range of topics spanning the late 19th to the early 21st centuries, including the emergence of the scientific laboratory; the development of disciplines such as bacteriology, virology, genetics, and molecular biology; and the promissory horizons of emergent bio(medico) technologies. In a time where scientific actions are both a source of rapid innovation and social suspicion, this course emphasizes how the life sciences and society profoundly shape one another.

FAS Divisional Distribution: Social Sciences

HISTSCI 1380

Science and the Invention of the Tropics

W 1200 PM - 0245 PM

Gabriela Soto Laveaga

Course ID: 224537
2026 Spring (4 Credits)

Instructor Permission Required

Europeans' discovery of a "torrid" zone with distinct flora, fauna, and, presumably, different humans spurred a race to catalogue difference. This seminar examines how scientific knowledge of the tropics was collected, classified, and disseminated from the 1500s onward as evidence that the Global South not only had a different climate but was characteristically "less" developed than the north. Students will examine arguments from imperial botany and biology that made their way into how we explain societies today.

Course Note: Students who have taken HISTSCI 2940 for credit cannot enroll in this course for credit.

FAS Divisional Distribution: Social Sciences

HISTSCI 1441

Foreign Bodies: On Health and Migration

W 1200 PM - 0245 PM

Eram Alam

Course ID: 212935
2025 Fall (4 Credits)

Instructor Permission Required

During the twentieth century, unprecedented human mobility has raised significant questions regarding migration and health. Whether coerced or voluntary, these migratory flows reverberate through individuals, communities, populations, environments, and the body politic in unexpected ways. This course will focus on the relationship between health and migration and ask the following questions: How are moving bodies named and managed? What are the political, economic, juridical, and medical implications of movement? How is risk defined and constructed in relation to migration? Readings will include case studies from around the world, supplemented with theoretical and literary texts.

Course Note: Enrollment limited to 20.

FAS Divisional Distribution: Social Sciences

HISTSCI 1445

Medicine and Health in America

Course ID: 213244
2025 Fall (4 Credits)

TR 1030 AM - 1145 AM

Eram Alam

This course surveys major historical developments in medicine and health in the United States during the modern period. We will analyze medicine and health within social, cultural, and political contexts to better understand the relationship between medicine and power. Topics will include: citizenship, nationalism, and imperialism; race, gender, and the body; capitalism and the medical marketplace; professionalization, expertise, and authority; crises and epidemics; technology and therapeutics; and questions of care.

FAS Divisional Distribution: Social Sciences

HISTSCI 1462

Therapeutic Histories: Global Encounters between Healing Systems

R 0300 PM - 0500 PM

Rijul Kochhar

Course ID: 224513

2025 Fall (4 Credits)

Instructor Permission Required

This seminar will examine the ways in which cultures and therapeutic techniques are entangled with each other. We will focus on a variety of healing traditions, from a range of historical and geographic locations. Readings will include Western biosciences, Chinese and Ayurvedic "traditional" therapies, Unani and Perso-Arabic curative practices, and medical life sciences from the former Soviet Union. A key question we will ask throughout the seminar is: how is therapeutic knowledge historically produced? This question will help us think through illness experiences, the pursuit of cures, and quests for therapeutic pluralism amidst technological advancement. Readings will also grapple with culturally salient phenomena such as science and embodiment; collective memory; social deprivation; and therapeutics in times of multiple crises.

FAS Divisional Distribution: Social Sciences

HISTSCI 1490

The History and Culture of Stigma

R 0300 PM - 0500 PM

Allan Brandt

Course ID: 110099

2025 Fall (4 Credits)

Instructor Permission Required

This course will investigate the history of a number of stigmatized conditions and diseases including, for example, cancer, mental illness, addiction, obesity, AIDS, and disability. A central goal will be to understand the stigmatization of disease and its effects in diverse historical and cultural contexts. The course will evaluate both the impact of stigmatization on health disparities and outcomes, as well as attempts to de-stigmatize conditions that are subject to discrimination, prejudice, and isolation.

Course Note: Enrollment limited to 20.

FAS Divisional Distribution: Social Sciences

HISTSCI 1630

Writing Histories of Climate Change

W 1245 PM - 0245 PM

Victor Seow, Emma Rothschild

Course ID: 220178

2025 Fall (4 Credits)

Instructor Permission Required

Explores different ways of writing about the history of climate change. The course will emphasize connections between large-scale data and local or micro-histories. It will consider the causes of human-induced climate change in particular places and times, and ways of averting them. Students will write short texts drawing on economic history, literature, environmental history, the history of science, and opinion writing.

Course Note: The course is open to all undergraduate students, first-year, sophomores, juniors and seniors. This course is also offered through the Department of History as HIST 187. Credit may be earned for either HISTSCI 1630 or HIST 187, but not both.

FAS Divisional Distribution: Social Sciences

HISTSCI 1735

Being Human since 1945

Course ID: 223081

2025 Fall (4 Credits)

Simon Torracinta

This course traces the arc of scientific thinking about human nature since 1945. In this period, the anchoring of human origins in the "modern synthesis" of genetics and evolutionary biology promised a new biological approach that would finally get at the root of the human, while generating utopian aspirations for remaking humanity altogether. The course is structured thematically, looking at scientific and social debates about genes, race, minds, sex, blood, primates, and other key topics in the postwar human sciences, including genetics, evolutionary biology, primatology, medicine, psychology, neuroscience, and physical anthropology.

FAS Divisional Distribution: Social Sciences

HISTSCI 1740

Course ID: 224481

The Psychology of War

2025 Fall (4 Credits)

T 0300 PM - 0545 PM

*Instructor Permission Required**Leslie-William Robinson*

How has war functioned as a social laboratory for the testing of psychological theories and influenced scientific and popular understandings of the human mind? Predominantly focused on the US from the long nineteenth century to today, Psychology of War examines changing social scientific explanations for why people fight wars, and ideas about how to manage and motivate them when they do. We cover the diagnosis and treatment of combat trauma and the rise of humanitarianism, highlighting shifts in moral and legal approaches to warfare. We unpack the pathologization of anti-war sentiment and the application of military psychological strategies to public life. We analyze cultural representations of war including art, film, and literature, especially for their role in shaping memory and the commemoration of wars.

FAS Divisional Distribution: Social Sciences

HISTSCI 1770

Course ID: 160496

Broken Brains: A Patient-Centered History

2026 Spring (4 Credits)

R 0300 PM - 0545 PM

*Instructor Permission Required**Anne Harrington*

An exploration of the complex relationship between doctors and scientists who study and treat different kinds of "broken brains," the patients they study and treat, and larger public conversations about being human in today's neurological society. Topics include iconic cases of brain damage that catalyze new scientific understandings (like the case of H.M.), the study of brain damage in war, the emergence of writings (including memoirs and novels) that attempt to describe "what it is like" to suffer from disorders like autism and Alzheimer's, and controversies over recent efforts to see psychiatric disorders like depression as simple products of a chemically "broken brain."

FAS Divisional Distribution: Social Sciences

HISTSCI 1771

Course ID: 226346

Science and the Quest for Consciousness

2025 Fall (4 Credits)

MW 1200 PM - 0115 PM

Anne Harrington

In 1990, in a paper cited more than 3,000 times, Nobel Prize-winning microbiologist Francis Crick and neurobiologist Christof Koch declared "the time is now ripe for an attack on the neural basis of consciousness." Thirty years later, though, we have largely lost the bullish certainties of the 1990s. People still speak of "consciousness studies," but it is unclear who polices the borders of that field. Instead, we see increasing interest in phenomena that even a decade ago would have been beyond the pale, from psychedelics to near-death experiences, to deathbed visioning, to lucid dreaming. The spaces in which consciousness research happens has also expanded: no longer just the neuroscience lab, but the hospice, the meditation retreat, the ICU, the operating theater, the wildlife preserve, and AI research labs. This course is an invitation to travel to these spaces and others, to try to understand what is happening in each of them, how they relate to one another, and what it would mean, really, for science to understand consciousness.

FAS Divisional Distribution: Social Sciences

HISTSCI 1780

Psychopathologies of Modern Life

W 0300 PM - 0545 PM

Elizabeth Lunbeck

Course ID: 218690

2025 Fall (4 Credits)

Instructor Permission Required

What is the relationship between cultural change and individual pathology? Are the stresses of modern life implicated in the emergence of new forms of psychic distress and mental illness? Over the past century, psychological experts have identified new emotions, dissatisfactions, and disorders, producing an expansive catalogue of modern woes and fashioning a range of remedies. With attention to variations across race and gender, we explore the coalescence and cultural fortunes of, among other topics, the personality disorders (narcissism, BPD); trauma, PTSD; disorders of identity and of attachment; social anxiety, isolation; gaslighting; Black Rage; greed, success neurosis, imposter syndrome; stress, coping, burnout.

FAS Divisional Distribution: Social Sciences

HISTSCI 1840

Science, Technology, and Medicine in South Asia

No meeting time listed

Eric Gurevitch

Course ID: 226374

2026 Spring (4 Credits)

Instructor Permission Required

Science is big in South Asia, and it has been for a long time. Today, the Constitution of India speaks of the duty of citizens to develop a "scientific temper" and of the responsibility of the government to finance "scientific or technical education." Medicine, mathematics, astronomy, and other practical sciences have lengthy histories in the region, and these disciplines were used to theorize society and belonging in colonial and nationalist thought. This undergraduate seminar explores the changing and contested understandings of science, technology and medicine in South Asia from the precolonial to the present. No prerequisites or specialized knowledge required.

HISTSCI 1850

Technologies of Social Reform

M 0300 PM - 0545 PM

Marc Aidinoff

Course ID: 226401

2025 Fall (4 Credits)

Instructor Permission Required

Throughout U.S. history, some of the best and brightest minds have worked to address the most difficult problems of social life. The results are decidedly uneven; extraordinary accomplishments addressing once seemingly intractable problems are complemented by the collateral damage of well-intentioned plans. Beginning with Reconstruction and ending with the Biden Administration, this course examines the development and implementation of public policy ideas in the United States. Along the way, students will examine competing forms of expertise, including social workers, engineers, lawyers, economists, scientists, community organizers, and quite a few Harvard graduates as they vied for ultimate authority to shape society.

FAS Divisional Distribution: Social Sciences

HISTSCI 1851

Digital Democracy: AI, Algorithms, and the Future of Governance

No meeting time listed

Marc Aidinoff

Course ID: 226370

2026 Spring (4 Credits)

How is democracy evolving, or continuing to function, in an age of Artificial Intelligence (AI)? This course explores how cutting-edge and mundane technologies have changed the basic building blocks of collective governance, from voting systems and public service delivery to networked activism and digital communities. We'll dive into the opportunities and risks of emerging tools and ask if technology has remade core concepts like freedom, fairness, and citizenship. Intended for students interested in the intersection of history, technology, and public policy, with special attention paid to debates in the United States over the past fifty years including over privacy, innovation, encryption, online sexuality, and the algorithmic harms.

HISTSCI 1861

From Steam Engines to Silicon Valley: Science and Capitalism in History

TR 0300 PM - 0415 PM

Simon Torracinta

Course ID: 223137
2026 Spring (4 Credits)

This undergraduate lecture course examines the interrelated histories of science and capitalism, from the steam engine to Silicon Valley. The course begins with the dramatic and intertwined transformations of the "scientific revolution," the transition to capitalism, and the global "great divergence," and continues to the present day. Topics covered include global science and empire; energy, work, and fossil capitalism; the technics of the industrial revolution; the science of racial capitalism; the rise of corporate science and R&D; techniques of quantification and economic calculation; biotechnology and pharmaceuticals; and the origins of "Big Tech."

FAS Divisional Distribution: Social Sciences

HISTSCI 1955

Science in Popular Culture

MW 1030 AM - 1145 AM

Erik Baker

Course ID: 220651
2026 Spring (4 Credits)

Very few people are scientists, but almost everyone knows something about science -- about what "the science says" about the world, who scientists are, and the role of science as an institution in society. In this course, we'll think together about where these beliefs come from and why they matter, with a focus on the twentieth-century United States. Topics include the history of science education, including recurrent debates about teaching evolution; the popular science publishing industry and celebrity popularizers like Bill Nye; the "mad scientist," the "troubled genius," and other tropes in film and literature; and the history of "pseudoscience."

FAS Divisional Distribution: Social Sciences

HISTSCI 2110

Science Before Science: Sources and Methods for the Study of the Premodern History of Science

T 0900 AM - 1145 AM

Hannah Marcus

Course ID: 218687
2025 Fall (4 Credits)

Instructor Permission Required

This graduate seminar is designed to introduce students to the important thematic areas and historiographical questions in the study of premodern science. We will survey the landscape of premodern technology, medicine, and natural philosophy with the goal of providing students with the necessary toolkit to conduct research in premodern sources and to read critically in the secondary literature.

FAS Divisional Distribution: Social Sciences

HISTSCI 2340

Planetary Insecurities

W 0300 PM - 0500 PM

Rijul Kochhar

Course ID: 224515
2025 Fall (4 Credits)

Instructor Permission Required

How is the biological body—the entity of life—being reconfigured in its environing worlds? This seminar seeks to answer this question by exploring three distinct registers in which the concept of the "planetary" has been gestated in 20th century collective life. Readings will be divided into three analytic parts. Part I will deal with drones as a technoscientific entity in late modernity that is responsible not merely for the militarization of the air but also a concomitant production of airspace as planetary battlescape and an agent for the geo-mapping of diverse biological entities. Part II will provide historical genealogies of One/Planetary health discourse concerning the flow of pathogenic life over earthly space. Such discourse, we will examine, as the symptomatology of the fictions of national borders. Part III will delve deeper into 20th century and Cold War environmental imaginaries which have produced the planet/globe/earth as slippery signifiers of imperiled spatial life in late modernity. The securitization of life—and the life of insecurity—thus emerge in this seminar through their spatial, species, and technoscientific vectors.

HISTSCI 2445

The Changing Concept of Race in Science and Medicine in the U.S.: From Jefferson to Genomics

Course ID: 108811
2025 Fall (4 Credits)

W 0900 AM - 1145 AM

Instructor Permission Required

Evelynn Hammonds

This course explores the history of the concept of "race" as used by biologists, anthropologists, and physicians from the 17th century to the present and social and political responses to the concept of race in these fields.

FAS Divisional Distribution: Social Sciences

HISTSCI 2855

Thinking with Computers

Course ID: 226368
2025 Fall (4 Credits)

R 0300 PM - 0545 PM

Instructor Permission Required

Marc Aidinoff

This graduate course introduces students to the history and social studies of computing. We will question the role of digital technology in race-making, class formation, gender construction, history writing, and the creation of other social facts. The course will survey canonical texts, analytic frameworks, and research methods, that have guided the history of computing, while also exploring how computers function as an explanatory tool in more recent humanistic and social scientific attempts to make sense of digital life.

FAS Divisional Distribution: Social Sciences

HISTSCI 2883

Automating Knowledge

Course ID: 226371
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Alex Csiszar

This course will consider the long history of attempts to invent methods and machines for producing, justifying, and judging claims to knowledge. Topics will include the history of quantification, statistics, rules, algorithms, data, calculation, and the long history of claims to non-human forms of knowing.

HISTSCI 2953

Bioethics, Law, and the Life Sciences

Course ID: 122616
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Sheila Jasanoff

Seeks to identify and explore salient ethical, legal, and policy issues - and possible solutions - associated with developments in biotechnology and the life sciences.

Course Note: Undergraduates may enroll only by permission of the instructor and should email the instructor directly to explain their interest and background.

Offered jointly with the Kennedy School as IGA-515.

Requires: Anti-Req: Cannot be taken for credit by students who have already taken IGA-515

FAS Divisional Distribution: Social Sciences

HISTSCI 2985

Science, Power and Politics

Course ID: 122718
2025 Fall (4 Credits)

W 0200 PM - 0400 PM

Instructor Permission Required

Sheila Jasanoff

This seminar introduces students to the major contributions of the field of science and technology studies (STS)

to the analysis of politics and policymaking in democratic societies. The objective is to expand students' understanding of the ways in which science and technology participate in the creation of social and political order. The seminar is devoted to reading and analyzing works by scholars in STS and related fields who have addressed such topics as the relationship between scientific and political authority, science's relations with the state, science and democracy, scientific and technical controversies, and citizenship in technological societies.

Course Note: Undergraduates may enroll only by permission of the instructor and should email the instructor directly to explain their interest and background.

Offered jointly with the Kennedy School as IGA-513.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000

Course ID: 112941

Direction of Doctoral Dissertations

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Marc Aidinoff

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000

Course ID: 112941

Direction of Doctoral Dissertations

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Marc Aidinoff

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (002)

Course ID: 112941

Direction of Doctoral Dissertations

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Eram Alam

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (002)

Course ID: 112941

Direction of Doctoral Dissertations

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Eram Alam

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (003)

Course ID: 112941

Direction of Doctoral Dissertations

2025 Fall (4 Credits)

No meeting time listed
Allan Brandt

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (003)
Direction of Doctoral Dissertations

Course ID: 112941
2026 Spring (4 Credits)

No meeting time listed
Allan Brandt

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (004)
Direction of Doctoral Dissertations

Course ID: 112941
2025 Fall (4 Credits)

No meeting time listed
Janet Browne

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (004)
Direction of Doctoral Dissertations

Course ID: 112941
2026 Spring (4 Credits)

No meeting time listed
Janet Browne

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (005)
Direction of Doctoral Dissertations

Course ID: 112941
2025 Fall (4 Credits)

No meeting time listed
Alex Csiszar

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (005)
Direction of Doctoral Dissertations

Course ID: 112941
2026 Spring (4 Credits)

No meeting time listed
Alex Csiszar

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (006)

Direction of Doctoral Dissertations

No meeting time listed

Peter Galison

Course ID: 112941
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (006)

Direction of Doctoral Dissertations

No meeting time listed

Peter Galison

Course ID: 112941
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (007)

Direction of Doctoral Dissertations

No meeting time listed

Eric Gurevitch

Course ID: 112941
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (007)

Direction of Doctoral Dissertations

No meeting time listed

Eric Gurevitch

Course ID: 112941
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (008)

Direction of Doctoral Dissertations

No meeting time listed

Evelynn Hammonds

Course ID: 112941
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

HISTSCI 3000 (008)

Direction of Doctoral Dissertations

No meeting time listed

Evelynn Hammonds

Course ID: 112941
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (009)

Direction of Doctoral Dissertations

No meeting time listed

Anne Harrington

Course ID: 112941
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (009)

Direction of Doctoral Dissertations

No meeting time listed

Anne Harrington

Course ID: 112941
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (010)

Direction of Doctoral Dissertations

No meeting time listed

Sheila Jasanoff

Course ID: 112941
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (010)

Direction of Doctoral Dissertations

No meeting time listed

Sheila Jasanoff

Course ID: 112941
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (011)

Direction of Doctoral Dissertations

No meeting time listed

David Shumway Jones

Course ID: 112941

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (011)

Direction of Doctoral Dissertations

No meeting time listed

David Shumway Jones

Course ID: 112941

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (012)

Direction of Doctoral Dissertations

No meeting time listed

Rijul Kochhar

Course ID: 112941

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (012)

Direction of Doctoral Dissertations

No meeting time listed

Rijul Kochhar

Course ID: 112941

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (013)

Direction of Doctoral Dissertations

No meeting time listed

Shigehisa Kuriyama

Course ID: 112941

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (013)

Direction of Doctoral Dissertations

No meeting time listed

Course ID: 112941

2026 Spring (4 Credits)

Instructor Permission Required

Shigehisa Kuriyama

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (014)

Direction of Doctoral Dissertations

No meeting time listed

Rebecca Lemov

Course ID: 112941

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (014)

Direction of Doctoral Dissertations

No meeting time listed

Rebecca Lemov

Course ID: 112941

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (015)

Direction of Doctoral Dissertations

No meeting time listed

Elizabeth Lunbeck

Course ID: 112941

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (015)

Direction of Doctoral Dissertations

No meeting time listed

Elizabeth Lunbeck

Course ID: 112941

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (016)

Direction of Doctoral Dissertations

No meeting time listed

Hannah Marcus

Course ID: 112941

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for

doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (016)

Direction of Doctoral Dissertations

No meeting time listed

Hannah Marcus

Course ID: 112941
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (017)

Direction of Doctoral Dissertations

No meeting time listed

Naomi Oreskes

Course ID: 112941
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (017)

Direction of Doctoral Dissertations

No meeting time listed

Naomi Oreskes

Course ID: 112941
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (018)

Direction of Doctoral Dissertations

No meeting time listed

Scott Podolsky

Course ID: 112941
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (018)

Direction of Doctoral Dissertations

No meeting time listed

Scott Podolsky

Course ID: 112941
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (019)

Direction of Doctoral Dissertations

No meeting time listed

Sarah Richardson

Course ID: 112941

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (019)

Direction of Doctoral Dissertations

No meeting time listed

Sarah Richardson

Course ID: 112941

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (020)

Direction of Doctoral Dissertations

No meeting time listed

Mark Schiefsky

Course ID: 112941

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (020)

Direction of Doctoral Dissertations

No meeting time listed

Mark Schiefsky

Course ID: 112941

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (021)

Direction of Doctoral Dissertations

No meeting time listed

Victor Seow

Course ID: 112941

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (021)

Direction of Doctoral Dissertations

No meeting time listed

Victor Seow

Course ID: 112941

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (022)

Direction of Doctoral Dissertations

No meeting time listed

Gabriela Soto Laveaga

Course ID: 112941

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (022)

Direction of Doctoral Dissertations

No meeting time listed

Gabriela Soto Laveaga

Course ID: 112941

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (023)

Direction of Doctoral Dissertations

No meeting time listed

Benjamin Wilson

Course ID: 112941

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3000 (023)

Direction of Doctoral Dissertations

No meeting time listed

Benjamin Wilson

Course ID: 112941

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Under special circumstances arrangements may be made for other instruction in guidance for doctoral dissertations.

FAS Divisional Distribution: Social Sciences

HISTSCI 3001

Reading and Research

No meeting time listed

Course ID: 116549

2025 Fall (4 Credits)

Instructor Permission Required

HISTSCI 3001

Reading and Research

No meeting time listed

Marc Aidinoff

Course ID: 116549
2026 Spring (4 Credits)

Instructor Permission Required

HISTSCI 3001 (002)

Reading and Research

No meeting time listed

Eram Alam

Course ID: 116549
2025 Fall (4 Credits)

Instructor Permission Required

HISTSCI 3001 (002)

Reading and Research

No meeting time listed

Eram Alam

Course ID: 116549
2026 Spring (4 Credits)

Instructor Permission Required

HISTSCI 3001 (003)

Reading and Research

No meeting time listed

Allan Brandt

Course ID: 116549
2025 Fall (4 Credits)

Instructor Permission Required

HISTSCI 3001 (003)

Reading and Research

No meeting time listed

Allan Brandt

Course ID: 116549
2026 Spring (4 Credits)

Instructor Permission Required

HISTSCI 3001 (004)

Reading and Research

No meeting time listed

Alex Csiszar

Course ID: 116549
2025 Fall (4 Credits)

Instructor Permission Required

HISTSCI 3001 (004)

Reading and Research

No meeting time listed

Alex Csiszar

Course ID: 116549
2026 Spring (4 Credits)

Instructor Permission Required

HISTSCI 3001 (005)

Reading and Research

No meeting time listed

Peter Galison

Course ID: 116549
2025 Fall (4 Credits)

Instructor Permission Required

HISTSCI 3001 (005)

Reading and Research

No meeting time listed

Peter Galison

Course ID: 116549
2026 Spring (4 Credits)

Instructor Permission Required

HISTSCI 3001 (006) Reading and Research <i>No meeting time listed</i> <i>Eric Gurevitch</i>	Course ID: 116549 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HISTSCI 3001 (006) Reading and Research <i>No meeting time listed</i> <i>Eric Gurevitch</i>	Course ID: 116549 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HISTSCI 3001 (007) Reading and Research <i>No meeting time listed</i> <i>Evelynn Hammonds</i>	Course ID: 116549 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HISTSCI 3001 (007) Reading and Research <i>No meeting time listed</i> <i>Evelynn Hammonds</i>	Course ID: 116549 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HISTSCI 3001 (008) Reading and Research <i>No meeting time listed</i> <i>Anne Harrington</i>	Course ID: 116549 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HISTSCI 3001 (008) Reading and Research <i>No meeting time listed</i> <i>Anne Harrington</i>	Course ID: 116549 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HISTSCI 3001 (009) Reading and Research <i>No meeting time listed</i> <i>Sheila Jasanoff</i>	Course ID: 116549 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HISTSCI 3001 (009) Reading and Research <i>No meeting time listed</i> <i>Sheila Jasanoff</i>	Course ID: 116549 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HISTSCI 3001 (010) Reading and Research <i>No meeting time listed</i> <i>David Shumway Jones</i>	Course ID: 116549 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HISTSCI 3001 (010) Reading and Research <i>No meeting time listed</i> <i>David Shumway Jones</i>	Course ID: 116549 2026 Spring (4 Credits) <i>Instructor Permission Required</i>

HISTSCI 3001 (011) Reading and Research <i>No meeting time listed</i> <i>Rijul Kochhar</i>	Course ID: 116549 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HISTSCI 3001 (011) Reading and Research <i>No meeting time listed</i> <i>Rijul Kochhar</i>	Course ID: 116549 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HISTSCI 3001 (012) Reading and Research <i>No meeting time listed</i> <i>Shigehisa Kuriyama</i>	Course ID: 116549 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HISTSCI 3001 (012) Reading and Research <i>No meeting time listed</i> <i>Shigehisa Kuriyama</i>	Course ID: 116549 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HISTSCI 3001 (013) Reading and Research <i>No meeting time listed</i> <i>Rebecca Lemov</i>	Course ID: 116549 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HISTSCI 3001 (013) Reading and Research <i>No meeting time listed</i> <i>Rebecca Lemov</i>	Course ID: 116549 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HISTSCI 3001 (014) Reading and Research <i>No meeting time listed</i> <i>Elizabeth Lunbeck</i>	Course ID: 116549 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HISTSCI 3001 (014) Reading and Research <i>No meeting time listed</i> <i>Elizabeth Lunbeck</i>	Course ID: 116549 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HISTSCI 3001 (015) Reading and Research <i>No meeting time listed</i> <i>Hannah Marcus</i>	Course ID: 116549 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HISTSCI 3001 (015) Reading and Research	Course ID: 116549 2026 Spring (4 Credits)

No meeting time listed
Hannah Marcus

Instructor Permission Required

HISTSCI 3001 (016)
Reading and Research
No meeting time listed
Naomi Oreskes

Course ID: 116549
2025 Fall (4 Credits)
Instructor Permission Required

HISTSCI 3001 (016)
Reading and Research
No meeting time listed
Naomi Oreskes

Course ID: 116549
2026 Spring (4 Credits)
Instructor Permission Required

HISTSCI 3001 (017)
Reading and Research
No meeting time listed
Scott Podolsky

Course ID: 116549
2025 Fall (4 Credits)
Instructor Permission Required

HISTSCI 3001 (017)
Reading and Research
No meeting time listed
Scott Podolsky

Course ID: 116549
2026 Spring (4 Credits)
Instructor Permission Required

HISTSCI 3001 (018)
Reading and Research
No meeting time listed
Sarah Richardson

Course ID: 116549
2025 Fall (4 Credits)
Instructor Permission Required

HISTSCI 3001 (018)
Reading and Research
No meeting time listed
Sarah Richardson

Course ID: 116549
2026 Spring (4 Credits)
Instructor Permission Required

HISTSCI 3001 (019)
Reading and Research
No meeting time listed
Mark Schiefsky

Course ID: 116549
2025 Fall (4 Credits)
Instructor Permission Required

HISTSCI 3001 (019)
Reading and Research
No meeting time listed
Mark Schiefsky

Course ID: 116549
2026 Spring (4 Credits)
Instructor Permission Required

HISTSCI 3001 (020)
Reading and Research
No meeting time listed
Victor Seow

Course ID: 116549
2026 Spring (4 Credits)
Instructor Permission Required

HISTSCI 3001 (020)	Course ID: 116549
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Victor Seow	

HISTSCI 3001 (021)	Course ID: 116549
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Gabriela Soto Laveaga	

HISTSCI 3001 (021)	Course ID: 116549
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Gabriela Soto Laveaga	

HISTSCI 3001 (022)	Course ID: 116549
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Benjamin Wilson	

HISTSCI 3001 (022)	Course ID: 116549
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Benjamin Wilson	

HISTSCI 3002	Course ID: 115473
Guided Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Marc Aidinoff	

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002	Course ID: 115473
Guided Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Marc Aidinoff	

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (002)	Course ID: 115473
Guided Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Eram Alam	

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

HISTSCI 3002 (002)

Guided Research

No meeting time listed

Eram Alam

Course ID: 115473
2026 Spring (4 Credits)

Instructor Permission Required

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (003)

Guided Research

No meeting time listed

Allan Brandt

Course ID: 115473
2025 Fall (4 Credits)

Instructor Permission Required

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (003)

Guided Research

No meeting time listed

Allan Brandt

Course ID: 115473
2026 Spring (4 Credits)

Instructor Permission Required

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (004)

Guided Research

No meeting time listed

Alex Csiszar

Course ID: 115473
2025 Fall (4 Credits)

Instructor Permission Required

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (004)

Guided Research

No meeting time listed

Alex Csiszar

Course ID: 115473
2026 Spring (4 Credits)

Instructor Permission Required

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (005)

Course ID: 115473

Guided Research

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Peter Galison

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (005)

Course ID: 115473

Guided Research

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Peter Galison

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (006)

Course ID: 115473

Guided Research

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Eric Gurevitch

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (006)

Course ID: 115473

Guided Research

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Eric Gurevitch

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (007)

Course ID: 115473

Guided Research

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Evelynn Hammonds

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (007)

Course ID: 115473

Guided Research

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Evelynn Hammonds

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (008)

Course ID: 115473

Guided Research

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Anne Harrington

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (008)

Course ID: 115473

Guided Research

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Anne Harrington

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (009)

Course ID: 115473

Guided Research

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Sheila Jasanoff

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (009)

Course ID: 115473

Guided Research

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Sheila Jasanoff

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (010)

Course ID: 115473

Guided Research

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

David Shumway Jones

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (010)

Course ID: 115473
2026 Spring (4 Credits)

Guided Research

No meeting time listed

Instructor Permission Required

David Shumway Jones

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (011)

Course ID: 115473
2025 Fall (4 Credits)

Guided Research

No meeting time listed

Instructor Permission Required

Rijul Kochhar

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (011)

Course ID: 115473
2026 Spring (4 Credits)

Guided Research

No meeting time listed

Instructor Permission Required

Rijul Kochhar

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (012)

Course ID: 115473
2025 Fall (4 Credits)

Guided Research

No meeting time listed

Instructor Permission Required

Shigehisa Kuriyama

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (012)

Course ID: 115473
2026 Spring (4 Credits)

Guided Research

No meeting time listed

Instructor Permission Required

Shigehisa Kuriyama

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (013)

Course ID: 115473
2025 Fall (4 Credits)

Guided Research

No meeting time listed

Instructor Permission Required

Rebecca Lemov

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (013)

Course ID: 115473

Guided Research

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Rebecca Lemov

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (014)

Course ID: 115473

Guided Research

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Elizabeth Lunbeck

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (014)

Course ID: 115473

Guided Research

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Elizabeth Lunbeck

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (015)

Course ID: 115473

Guided Research

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Hannah Marcus

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (015)

Course ID: 115473

Guided Research

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Hannah Marcus

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

HISTSCI 3002 (016)

Guided Research

No meeting time listed

Naomi Oreskes

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Course ID: 115473
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (016)

Guided Research

No meeting time listed

Naomi Oreskes

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Course ID: 115473
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (017)

Guided Research

No meeting time listed

Scott Podolsky

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Course ID: 115473
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (017)

Guided Research

No meeting time listed

Scott Podolsky

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Course ID: 115473
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (018)

Guided Research

No meeting time listed

Sarah Richardson

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

Course ID: 115473
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (018)

Guided Research

No meeting time listed

Sarah Richardson

Course ID: 115473

2026 Spring (4 Credits)

Instructor Permission Required

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (019)

Guided Research

No meeting time listed

Mark Schiefsky

Course ID: 115473

2025 Fall (4 Credits)

Instructor Permission Required

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (019)

Guided Research

No meeting time listed

Mark Schiefsky

Course ID: 115473

2026 Spring (4 Credits)

Instructor Permission Required

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (020)

Guided Research

No meeting time listed

Victor Seow

Course ID: 115473

2025 Fall (4 Credits)

Instructor Permission Required

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (020)

Guided Research

No meeting time listed

Victor Seow

Course ID: 115473

2026 Spring (4 Credits)

Instructor Permission Required

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (021)

Guided Research

No meeting time listed

Gabriela Soto Laveaga

Course ID: 115473

2025 Fall (4 Credits)

Instructor Permission Required

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (021)

Course ID: 115473

Guided Research

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Gabriela Soto Laveaga

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (022)

Course ID: 115473

Guided Research

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Benjamin Wilson

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3002 (022)

Course ID: 115473

Guided Research

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Benjamin Wilson

Through regular meetings with faculty advisor, each student will focus on research and writing with the purpose of developing a publishable research paper.

FAS Divisional Distribution: Social Sciences

HISTSCI 3003A

Course ID: 203602

Historiography of the History of Science

2025 Fall (4 Credits)

M 0900 AM - 1145 AM

Instructor Permission Required

Victor Seow, Gabriela Soto Laveaga

Limited to and required of first year master's and doctoral students in History of Science (exceptions with permission of instructor).

FAS Divisional Distribution: Social Sciences

HISTSCI 3003B

Course ID: 203603

Research Methods and Practices in the History of Science

2026 Spring (4 Credits)

W 0900 AM - 1145 AM

Instructor Permission Required

Eram Alam

Limited to and required of first year master's and doctoral students in History of Science (exceptions with permission of instructor).

FAS Divisional Distribution: Social Sciences

HISTSCI 3004A

Colloquium on Teaching Practices and Professional Activities

No meeting time listed

Alex Csiszar

Course ID: 220803

2025 Fall (2 Credits)

Instructor Permission Required

This course is intended especially for graduate students in the Department of the History of Science who are first-time Teaching Fellows. Select sessions are open (and limited) to all graduate students in the Department of the History of Science.

FAS Divisional Distribution: None

HISTSCI 3011

Pre-prospectus Course Work and Research

Course ID: 208313

2025 Fall (4 Credits)

G-1, G-2, and G-3 History of Science doctoral students who do not yet have an approved prospectus should enroll in this course if they will not be enrolled in 16 units of course credit for the semester.

FAS Divisional Distribution: Social Sciences

HISTSCI 3011

Pre-prospectus Course Work and Research

Course ID: 208313

2026 Spring (4 Credits)

G-1, G-2, and G-3 History of Science doctoral students who do not yet have an approved prospectus should enroll in this course if they will not be enrolled in 16 units of course credit for the semester.

FAS Divisional Distribution: Social Sciences

HISTSCI 3012

Teaching Fellow Research and Training

Course ID: 208315

2025 Fall (4 Credits)

History of Science doctoral students who will be teaching at Harvard should enroll in 4 units of this course for every 1/5 section taught to account for academic time spent teaching.

FAS Divisional Distribution: Social Sciences

HISTSCI 3012

Teaching Fellow Research and Training

Course ID: 208315

2026 Spring (4 Credits)

History of Science doctoral students who will be teaching at Harvard should enroll in 4 units of this course for every 1/5 section taught to account for academic time spent teaching.

FAS Divisional Distribution: Social Sciences

HISTSCI 3013

Faculty Research Assistance

Course ID: 208316

2025 Fall (4 Credits)

G-1, G-2, and G-3 History of Science doctoral students who do not yet have an approved prospectus and have been hired by a Harvard faculty member to do research should enroll in this course. Students should enroll in 4 units of this course for every 5 – 7 hours of faculty research work done per week.

FAS Divisional Distribution: Social Sciences

HISTSCI 3013

Faculty Research Assistance

Course ID: 208316
2026 Spring (4 Credits)

G-1, G-2, and G-3 History of Science doctoral students who do not yet have an approved prospectus and have been hired by a Harvard faculty member to do research should enroll in this course. Students should enroll in 4 units of this course for every 5 – 7 hours of faculty research work done per week.

FAS Divisional Distribution: Social Sciences

Human Biology, Behavior, and Evolution

Human Evolutionary Biology

HEB 30

Monkey style: Primate Social Behavior

TR 1030 AM - 1145 AM

Martin Surbeck

Course ID: 113837
2025 Fall (4 Credits)

This course provides an overview of primate social behavior and will cover topics such as kinship, social structure, friendship, competition, cooperation, dominance, development, mating systems, parental care, inter-group relationships, social learning, and applications to humans. Over the course of the semester we will attempt to address fundamental questions about the Primate order from three perspectives: Evolutionary perspective. How do primate species differ from one another? What are the selection pressures that account for the differences? How to explain a vast range of behaviour, social structures and relationships within an evolutionary framework? Primate perspective. How do primates see the world? How do they think about others? Do they have concepts? Are their vocalizations equivalent to words? What is the nature of their relationships? A human perspective. What are the continuities and discontinuities between human and non-human primates? What is it that sets humans apart from other primate species?

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 39

The Human Brain in the Animal Kingdom

TR 0130 PM - 0245 PM

Erin Hecht

Course ID: 214351
2026 Spring (4 Credits)

Instructor Permission Required

Our brains make us what we are. How did they get that way? How are they different from other animals', and how are they similar? This course will explore the structure and function of the modern human brain and examine the selective pressures that have impacted the evolution of human neuroanatomy and cognition.

Frequent comparisons will be made with other primate and non-primate species in order to situate an understanding of Homo sapiens within the context of the broader animal kingdom. Additionally, the course will delve into the types of methodological approaches used to study these topics and consider the frontiers of new knowledge in this area. The course will integrate research and theory from biological anthropology, archaeology, psychology, ethology, and neuroscience. Topics covered include the evolution of large brains in humans and other species; the emergence of specializations for communication, tool use, and culture; social cognition and theory of mind; individual variation and experience-dependent plasticity in the brain; and domestication and self-domestication.

HEB 45

Technology, Behavior, and Human Evolution

TR 0900 AM - 1015 AM

Abigail Desmond

Course ID: 220758
2025 Fall (4 Credits)

Instructor Permission Required

When does human history begin? We now know that some of the first Homo sapiens appeared over 315,000 years ago. Looking back to even earlier human species, around 2-3 million years ago, we would perhaps be surprised to encounter familiar behaviors: people walking upright, cooperating and socializing, hunting, and using technology. Everything that exists as written history represents less than 2% of what has happened since we emerged as a species, and less than 0.3% of what has happened since archaic humans first emerged. If we want to understand who we are, and why we do the things we do, we need to take a closer look at our relatives in the Paleolithic. Technology, Behavior, and Human Evolution is an introductory course which offers primatological, fossil, environmental, genetic, and archaeological perspectives on human evolution. Starting with the earliest hominins, each week we will examine central themes and developments in human evolution over the last 6 million years. Students will consider how the emergence and spread of new technologies, biological capacities, changing social dynamics, symbolic behaviors, and cultural complexity shaped human evolutionary trajectories. The behavioral repertoire of modern humans at the end of the last ice age will form the final part of the lecture course.

Course Note: Class visit to the Peabody Museum collections, details to be announced.

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 50

Human Metabolism

MW 0130 PM - 0245 PM

Andrew Yegian

Course ID: 225855
2026 Spring (4 Credits)

Instructor Permission Required

What is metabolism and how does it affect our lives? This course investigates human metabolism through several levels of organization and uses evolutionary theory to explore the unique metabolism of our species. We will establish the foundations of molecular and cellular metabolism, integrate that knowledge into an organismic model, and tie in ecology and the evolution of metabolism within primates and the human lineage. Throughout the course we will make connections to metabolic dysfunction and disease, and their rising salience in modern health.

Course Note: This course includes a weekly lab or discussion section.

HEB 55

Human Evolutionary Anatomy

MW 0130 PM - 0245 PM

Joanne Clark-Matott

Course ID: 116069
2026 Spring (4 Credits)

HEB 1420 takes a deep dive into the anatomy of the human body. We explore the structure, function, and evolution of the muscular, skeletal, nervous, circulatory, digestive, and reproductive systems using a combination of lectures and small-group teaching. Students also have the option to study anatomy in the traditional way by viewing human cadaver dissections at Harvard Medical School. HEB 1420 fulfills the anatomy/physiology requirement for Human Evolutionary Biology and is an excellent foundation for students pursuing research in the department, those who plan to attend medical school, or students who are simply curious about the human body and want to know what the different parts are named and how they came to be.

Course Note: This course fulfills the anatomy/physiology concentration requirement for Human Evolutionary Biology

This course is not recommended for first-year students.

Life Sciences 2 recommended, but not required

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 58

Evolutionary Medicine

MW 0130 PM - 0245 PM

Christopher Kuzawa

Course ID: 226494

2025 Fall (4 Credits)

Instructor Permission Required

Many common diseases, including ailments like obesity, diabetes, and depression, have only emerged as health issues in recent human history. In addition, different human groups or ethnicities vary markedly in the burden of these conditions. In this course we will explore two related ideas to gain insight into these issues. The first is that many modern ailments reflect an imbalance between modern life ways and those which shaped our ancestors' biology during much of human evolution. The second is that factors like inequality and discrimination, which trace to political, economic, and historical forces, help explain why some groups experience unequal conditions that ultimately drive health inequality. We will begin by reviewing foundational concepts in evolutionary biology, molecular biology, anthropology and human evolution, revealing why our bodies by necessity come equipped with biology that is responsive to the environments that we inhabit. We will then use these principles to explore domestic and global case studies that illustrate the power of evolutionary principles to shed light on why we get sick, including the role of social, economic and political factors as drivers of major disparities in disease burden.

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 91R

Supervised Reading and Research

No meeting time listed

Andrew Yegian

Course ID: 122594

2025 Fall (4 Credits)

Instructor Permission Required

HEB 91R (01)

Supervised Reading and Research

No meeting time listed

Andrew Yegian

Course ID: 122594

2026 Spring (4 Credits)

HEB 97

Sophomore Tutorial in Human Evolutionary Biology

No meeting time listed

Julie Lawrence, Abigail Desmond

Course ID: 122625

2026 Spring (4 Credits)

This course only meets in assigned sections. An introduction to the issues and methods of human evolutionary biology, focusing on evolutionary theory, the concept of adaptation, and their application to human evolution. Weekly readings and discussions, with biweekly writing assignments that integrate major course themes.

Course Note: Required of and limited to Human Evolutionary Biology concentrators.

Requires: Course open to Undergraduate Students Only

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 99A

Tutorial - Senior Year

T 0300 PM - 0415 PM

Julie Lawrence

Course ID: 122595

2025 Fall (4 Credits)

Instructor Permission Required

Research and writing of the Senior Thesis.

Course Note: Limited to honors candidates. Permission of the faculty advisor required. Part one of a two part course.

Requires: Course open to Senior Students Only

FAS Divisional Distribution: Science & Engineering & Applied Science

Full Year Course: Divisible Course

HEB 99B

Tutorial - Senior Year

Course ID: 205571

2026 Spring (4 Credits)

T 0300 PM - 0415 PM

Julie Lawrence

Research and writing of the Senior Thesis.

Course Note: Limited to honors candidates. Permission of the faculty advisor required. Part two of a two part course.

Requires: Course open to Senior Students Only

FAS Divisional Distribution: Science & Engineering & Applied Science

Full Year Course: Divisible Course

HEB 110

Research in Human Biomechanics and Physiology

M -

Course ID: 127206

2026 Spring (4 Credits)

Instructor Permission Required

Introduces students to experimental techniques used to investigate the musculoskeletal structure and physiology of humans. Students undertake a supervised research project in the Skeletal Biology and Biomechanics Laboratory. Students meet to introduce their project, discuss their work and progress, and to present their final results, as well as for several lectures on writing and presenting research findings. An extensive commitment of time in the laboratory is required. Grades are based on the work completed, the oral presentation, and a short research paper.

Course Note: This course fulfills the research seminar concentration requirement for Human Evolutionary Biology

Recommended: Life Sciences 2 or Human Evolutionary Biology 1420

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 114

Gut Microbiome and Human Health

W 0300 PM - 0500 PM

Cary Allen-Blevins

Course ID: 204010

2025 Fall (4 Credits)

Instructor Permission Required

Microorganisms residing in the human gastrointestinal tract are as numerous as our own cells and together encode at least 150 times as many unique genes. In this research seminar, we explore gut microbial contributions to human physiology in states of health and disease. We consider how the human gut is colonized, the factors shaping the structure and function of the gut microbiome, and the pivotal roles of the gut microbiome in digestion, energy regulation, immunity, development, drug metabolism, and behavior. We evaluate fast-growing evidence for the gut microbial modulation of metabolic syndrome, cardiovascular disease, cancer, and neurodevelopmental and neurodegenerative disorders, and discuss prospective microbiome-targeted approaches for the prevention and treatment of human disease. The weekly three-hour lab will introduce students to experimental, bench and computational techniques used to investigate the gut microbiome, enabling students to collaborate on a novel research project that dovetails with topics discussed in seminar.

Course Note: This course fulfills the research seminar requirement for Human Evolutionary Biology. Preference will be given to students fulfilling a research seminar or thesis requirement.

Life Sciences 2 or permission of instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 115

Investigating the Human Genome

MW 0900 AM - 1015 AM

Éadaoin Harney

Course ID: 222982

2025 Fall (4 Credits)

Instructor Permission Required

Since the first human genome was sequenced over 20 years ago, millions of people, both living and ancient, have had their genomes sequenced. While many genetic studies examine the genomes of hundreds or thousands of individuals to make population-level insights, a huge amount of information can be gleaned through the study of just a single human genome. In this research course, each student will investigate the genome of an unknown individual using a variety of population genetic tools to learn about their ancestry, health, and other phenotypes. The course will culminate in a written report and presentation on the biological identity of their chosen individual.

Life Sciences 1b or equivalent genetics/genomics course. Familiarity with computer programming will be helpful but is not required.

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 116

A Pan Model for Human Evolution - What can we learn from Chimpanzees and Bonobos about ourselves?

Course ID: 222986
2025 Fall (4 Credits)

W 1200 PM - 0245 PM

Instructor Permission Required

Martin Surbeck

This seminar explores the behavioral variation in our closest living relatives, bonobos and chimpanzees, to develop referential models of human evolution. Weekly readings and discussions will be used to explore how variation in behavioural aspects linked to warfare, peace, sexual coercion, dominance between the sexes, food sharing and cooperation within groups of bonobos and chimpanzees can inform us on the evolution of similar traits in humans. In doing so, we challenge the traditional understanding of the contribution of these species to our understanding of human traits.

HEB 30- Primate Social Behaviour, or GenEd 1056- Human Nature

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 117

Evolution, Anatomy and Physiology of Sleep

Course ID: 217869
2026 Spring (4 Credits)

M 0300 PM - 0500 PM

Instructor Permission Required

Joanne Clark-Matott

What is special about human sleep? HEB 1317 is a research seminar that introduces current research on the evolution of sleep, the neuroanatomical circuits that regulate sleep and wake, and the cultural and social factors that can affect sleep duration and quality. Students in HEB 1317 analyze and interpret physiological sleep recordings and sleep diary data to build data analysis skills while completing a self-directed research project on a topic of their own choosing using publicly-available datasets, existing research data, or self-collected data.

Course Note: This course counts as a Junior Research Seminar.

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 118

Building the Human Body

Course ID: 156174
2025 Fall (4 Credits)

TR 1030 AM - 1145 AM

Instructor Permission Required

Terence Capellini

Humans and our primate relatives are incredibly variable. This variation results from natural selection operating on the developmental mechanisms that control anatomy and physiology. While these mechanisms remain mostly undiscovered, we are beginning to understand these complex processes due to major advances in technology that have pushed the fields of genetics, genomics and developmental biology rapidly forward. This research-centered course explores these relationships in the context of the human paleontological record. We focus on the evolution and development of the musculoskeletal system, which includes the cranium, axial skeleton and limbs, and present studies that cast light on the developmental genetic mechanisms that underlie major transitions in human evolution.

Course Note: This course fulfills the research seminar requirement for Human Evolutionary Biology and includes a mandatory laboratory section.

LS1b (Genetics, Genomics, and Evolution). Introductory courses in paleoanthropology, anatomy helpful but not required.

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 123

Dogs: Behavior, evolution, and domestication

Course ID: 220650
2025 Fall (4 Credits)

Erin Hecht

What makes dogs behave the way they do, and what can this teach us about our own species? In this course, we will explore the evolution of canine behavior through the lens of ethology. We will discuss current research on the evolutionary history of dogs, and consider whether this might parallel some aspects of human evolution. We will also examine communication, cooperation, attachment, and other aspects of behavior in dogs, humans, and other species. Students will learn to understand behavior as an adaptive, evolved trait and consider artificial selection as a window on mechanisms of behavior evolution. In the weekly 3-hour lab, students will also receive hands-on training in the collection and analysis of dog behavior data through a semester-long group research project.

Course Note: Dog behavior data will be collected on campus in the Canine Brains Project dog behavior lab space.

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 124

Course ID: 224018

Primate Playtime

2026 Spring (4 Credits)

W 1245 PM - 0245 PM

*Instructor Permission Required**Kristin Sabbi*

Play is a major feature of our young lives- and that is a trait that we share with our closest primate cousins, chimpanzees. Even though play is an obvious (and delightful) behavior, there are still many open questions about how and why it evolved. In this research course, we will work toward answering some of those questions. What is the function of playing for chimpanzees and how does it change across their life course? In addition to learning the ins and outs of famous hypotheses that explain play and how they have been tested in the primate literature, through this course you will learn important skills for independent research from shaping your questions and hypotheses to testing those ideas by analyzing real behavior from wild chimpanzees. These skills can be applied across behavioral studies with primates and other animals, but they are also valuable tools with transferrable benefits across industries.

Course Note: This course counts as a junior research seminar.

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 126

Course ID: 218716

Research in Cultural Evolution

2026 Spring (4 Credits)

W 1200 PM - 0245 PM

*Instructor Permission Required**Cammie Curtin, Joseph Henrich*

HEB 130

Course ID: 112219

Hormones and Behavior

2026 Spring (4 Credits)

TR 1030 AM - 1145 AM

*Instructor Permission Required**Kristin Sabbi*

Why do we act the way we do? This course will introduce you to the role of hormones in human and nonhuman primate behavior. After some grounding in the endocrine system and how its axes operate, we will explore the ways that behavior and hormones interact with one another across the life course from development through adulthood. We will focus on human reproduction, energy metabolism, mating and sexuality, parental behavior, learning and memory, stress, and dominance interactions. Throughout the course we will examine these relationships at multiple levels of analysis, emphasizing evolutionary perspectives.

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 132

Course ID: 221986

Mammalian Business

2025 Fall (4 Credits)

MW 0130 PM - 0245 PM

*Instructor Permission Required**Joyce Benenson*

Mammalian species solve problems in remarkably different ways. This course will begin by reviewing evolutionary theories regarding natural and sexual selection, with an emphasis on social species and

cooperative competition. The course will continue by reviewing select mammalian species' approaches to structuring communities, selecting mates, dispersing at adolescence for a new community, and cooperating and competing with same-sex and other-sex individuals. Principles underlying common solutions to universal problems of survival and reproductive success will be highlighted. The course will focus on commonalities between humans and specific non-human mammalian solutions to similar problems.

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 135

Clinical Comparative Medicine: Evolutionary Perspectives on Mental and Physical Health

W 0300 PM - 0500 PM

Barbara Natterson-Horowitz

Course ID: 205490
2025 Fall (4 Credits)

Why are human beings so vulnerable to mental and physical illness? Insights into the causes of human diseases and disorders can be found by studying similar health challenges in other species. In HEB 1328 students will explore physical illnesses and behavioral disorders in non-human animals—from wild animals to beloved family pets. While heart disease, cancer and other significant medical challenges will be explored, this year special emphasis will be placed on mental health. Comparative psychopathology—studying mental illness and abnormal behavior in fish, reptiles, birds, and non-human mammals—will be introduced as a framework strengthening our understanding of human depression, eating disorders, social anxiety, OCD, self-injury, addiction and other emotional and biobehavioral challenges. Taught by a physician and evolutionary biologist, this course uses a 'mini-medical school' approach to explore the evolutionary origins of disease. Each lecture takes on a specific common and challenging human health issue beginning with a brief overview of what modern medicine currently does and does not understand. Lectures then quickly move into the wild (literally—through the use of curated wildlife video) and into our evolutionary past that has shaped modern vulnerabilities. Students will explore Harvard Museum of Natural History collection and learn to build phylogenetic models to develop an expanded understanding of the nature and origin of mental and physical illness. No prior medical or advanced scientific knowledge is assumed. Both physical and mental illnesses will be covered. As noted above, this year mental health will receive special focus. This year course lectures and other content will be presented in an interactive seminar style. Students will be expected to deeply engage with weekly readings and assignments and to contribute to a collective research project.

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 140

The Evolution of Friendship

TR 0300 PM - 0415 PM

Jennifer Devereaux

Course ID: 222906
2025 Fall (4 Credits)

Instructor Permission Required

Friendship is a key feature of human sociality, shaped by evolutionary pressures and cultural dynamics. While voluntary associations occur in many animals, human friendships take diverse forms, from lifelong bonds to transient affiliations, influencing everything from health and reproduction to cooperation and group identity. This course examines friendship through the framework of gene-culture coevolution, exploring the biological and psychological mechanisms that underpin social bonds. Topics include the effects of friendship on physiological and mental health, the role of social emotions in strengthening group cohesion, and how environmental pressures — from resource scarcity to social upheaval — shape affiliative behavior. The course also investigates the role of technology in human sociality across deep time, from the earliest stone tools to AI-driven interactions, examining how innovations shape trust, cooperation, and the neurobiological systems that regulate social behavior. Weekly discussion sections provide an opportunity to engage more deeply with key readings, explore cross-cultural and interdisciplinary perspectives, and apply course concepts to contemporary debates on friendship and technology. Integrating perspectives from evolutionary biology, cognitive psychology, and anthropology, this course provides a comprehensive framework for understanding the adaptive significance of friendship across different social and technological contexts.

Course Note: This course will count for the Science and Engineering and Applied Science divisional requirement for undergraduates. There are no prerequisites.

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 143

Primate Development

Course ID: 222985
2026 Spring (4 Credits)

Joyce Benenson

Early development sets the stage for an adult's life. Understanding how primates develop during their early lives provides a window into evolutionary solutions to problems of survival and reproduction. This course will focus on the early development of non-human and human primates from the perspective of natural selection. The course requires weekly observations of human children in their natural environments using techniques from primatology and includes a field trip to the Franklin Park Zoo.

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 144

Course ID: 218851

The Human Face: How evolution, growth, and behavior has shaped the way we look

2025 Fall (4 Credits)

M 1245 PM - 0245 PM

Instructor Permission Required

Julie Lawrence

Our faces are the means by which we perceive the world and the world perceives us. The size and shape of the face has changed dramatically across human evolution. Some of our prehistoric relatives had huge teeth and enormous cheek bones, others had massive brow ridges, and modern humans have unique features such as our chins and our unusually big, globular brains. This course will explore how our social interactions and facial expressions, changes in what we eat and how we eat it, and evolutionary adaptations (sexual selection and cultural/environment influences) have molded the face and led to the variety of facial forms we see within and between populations today. We will examine the origins of human facial variation from our early primate origins, across the hominin fossil record, to the impact of modern soft diets and dentistry. What do we think the last common ancestor of humans and chimpanzees looked like? What were the earliest changes to the face and what can they tell us about the lives of our ancestors? What can our own faces tell us about our ancestry, development, and health?

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 145

Course ID: 222987

Thinking Through Human Cognition

2026 Spring (4 Credits)

W 0300 PM - 0500 PM

Instructor Permission Required

Abigail Desmond

What does it mean to inhabit a human mind? This course will investigate the origins of - and selective advantages provided by - key human cognitive traits. We will examine how these traits appear and develop in human evolutionary timescales, with a special focus on the origins of symbolic communication, language, exosomatic information storage, and the exponential nature of human technology. We will also examine how cultural norms are shaped by human cognition, with an eye to concepts such as fairness, collaboration, sharing, nurturance, reciprocity, spite, violence, social exclusion, and a concern for curating our reputation. This course will use a multidisciplinary approach, drawing on recent developments in fields such as evolutionary psychology, cognitive science, philosophy, linguistics, archaeology, anthropology, developmental biology, neuroscience, genetics, and primatology.

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 152

Course ID: 226485

Genetic perspectives on human brain evolution

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Janet Song

What genetic changes in the human lineage contributed to the evolution of the human brain? This class provides a survey of key topics, including principles learned from the study of evolutionary genetics in other organisms, genetics and genomics approaches applied to compare humans and other mammals, and the current major questions and challenges in the field. We will also examine how genetic changes during human evolution contribute to neurological disease susceptibility in modern humans. This seminar course will include lectures and critical paper discussions, and students will formulate a research proposal as a final project.

Introductory course in genetics

HEB 153 (LEC)

Human Life History

TR 0900 AM - 1015 AM

Kristin Sabbi

Course ID: 223125

2025 Fall (4 Credits)

Instructor Permission Required

As humans, the combination of characteristics that make up our life history—the timing and pace of our growth, reproduction, and aging—make us unique among other animals including our closest cousins, the great apes. In this course you will learn about humans' puzzling combinations of fast and slow life history and how these patterns evolved. We will apply evolutionary theory to better understand human behavior and biology, especially through comparing ourselves to our great ape cousins and other animals. Throughout the semester we will tackle questions like: why do we take so much longer than other apes to grow up? And since we do take so long to mature- how do we reproduce so much faster? How do evolutionary forces shape mating decisions across cultures and time? Why do we outlive our ability to reproduce- and have we always lived so long?

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 155

Human Diet: From Neanderthals to the Future of Food

MW 0300 PM - 0415 PM

Christina Warinner

Course ID: 226381

2025 Fall (4 Credits)

This course surveys the evolution of human diet, from the foods of our earliest ancestors to the contents of today's supermarkets. We'll cover the definition of food, human nutritional requirements, major dietary transitions and food innovations in human history, the roots of world cuisine, the modern food industry, and current and future food challenges.

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 160

Human Genetic Variation

MW 1030 AM - 1145 AM

Éadaoin Harney

Course ID: 222983

2026 Spring (4 Credits)

Instructor Permission Required

The genomes of all humans are approximately 99.5% identical, however powerful insights can be made about human population history and health by examining the remaining 0.5% of the genome in which humans vary. In this course, students will be introduced to concepts in human population genetics, with the aim of enabling them to understand and critically assess recent publications in the field. This is a lecture-based course involving problem sets, tests, and writing assignments.

Life Sciences 1b or equivalent biology course that provides an introduction to genetics/genomics.

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 162

Neanderthals and Other Extinct Humans

No meeting time listed

Bridget Alex

Course ID: 160467

2026 Spring (4 Credits)

Instructor Permission Required

Over the past 100,000 years why did modern humans survive while other human lineages went extinct? This seminar will center on comparing modern humans to Neanderthals and other extinct humans using the genetic, fossil, and archaeological records. With a focus on science outreach and communication, students will create videos and activities for the public, to be shared in schools and museums.

Prerequisite: LS1B

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 180

Ancient DNA as a Window Into the Human Past

MW 0900 AM - 1015 AM

David Reich

Course ID: 216425
2026 Spring (4 Credits)

Instructor Permission Required

Over the last decade, ancient DNA technology has made it possible to ask and answer questions that were impossible to address before, and the findings that have emerged are challenging and enriching previous understandings of the past. This course will provide students with the tools they need to critically evaluate and perform research on ancient DNA. The centerpiece of the course is analyzing unpublished data produced by the instructor's lab under the mentorship of members of the instructor's laboratory, leading to a final project in which students will write an original research paper based on their analysis of data. The course will include lectures aimed at providing students with an understanding of major issues in this field, seminar-style discussions critically assessing papers and student research projects, and four homework assignments that will provide students with the core computational skills they need to analyze data.

Course Note: This course will be of interest for students in Human Evolutionary Biology, Computer Science, Statistics, Organismic and Evolutionary Biology, Anthropology, Molecular and Cellular Biology, and History. This course is aimed at providing deep disciplinary knowledge in Ancient DNA research and as such could be a jumping-off point for students who wish to do an Honors Senior Thesis in this area or carry out Ph.D. thesis research in Ancient DNA.

Computer programming background (AP Computer Science or equivalent). Statistics background (AP Statistics or equivalent). Students who do not have computer or statistics background but are highly motivated to take the course should write to the instructor to have a discussion about whether they might have the background needed to take the course.

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 183

Science Writing

F 0945 AM - 1145 AM

Bridget Alex

Course ID: 220759
2025 Fall (4 Credits)

Instructor Permission Required

Great research isn't enough. Scientists need to effectively communicate their work to diverse audiences. This course will explore written communication in human evolutionary biology and related disciplines. Students will become better writers and produce publishable writing samples. We will survey major genres in academia and beyond, including research papers, grant proposals, job/school/fellowship applications, and pop-science writing for non-specialists. By analyzing exemplary models from these genres, we will distill elements that make scientific writing successful and sometimes beautiful. In this way, we'll approach science writing as a technical and creative endeavor. We'll also discuss strategies to make writing easier, which consider the writer's emotional, social, and environmental conditions. For the major course assignment, students will choose a specific writing project (e.g. grant proposal, op-ed) and work on it throughout the term in order to produce a document that's ready to publish or submit. Course intended for upper-level undergraduates or graduate students.

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 189

The Devil's Teeth: Archives of Health, History, and Climate

W 0945 AM - 1145 AM

Daniel Green

Course ID: 226498
2025 Fall (4 Credits)

Instructor Permission Required

From childhood lead exposure, to the pathways and practices of our ancestors millions of years ago, teeth retain incredible records of our collective pasts. This course examines teeth from two main perspectives. The first is medical and dental, examining the developmental biology and mineralogy of how teeth form, and how formation can fail in the context of health crises. The second is historical: the class will learn how teeth are records of past history and climate, even into deep time, millions of years into the past. Every week, we will read contemporary scientific literature on teeth from multiple perspectives. In the second half of the course, students will work collectively on a research project.

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 190

Course ID: 225903
2026 Spring (4 Credits)

Advanced Topics in Human Physiology

M 0945 AM - 1145 AM

Instructor Permission Required

Cary Allen-Blevins

Topic: Adv Top: The Human Microbiome

This course offers a focused exploration on a topic within human physiology that varies by term (see class note for current topic). It meets in small seminar style, with potential for coursework in a faculty research lab as well. Open to juniors, seniors, and graduate students by permission of instructor. Repeatable for credit.

HEB 192

Course ID: 226395
2025 Fall (4 Credits)

Advanced Topics in Human Behavior

R 1245 PM - 0245 PM

Instructor Permission Required

Kristin Sabbi

Topic: Evo Endocrinology & Social

This course offers a focused exploration on a topic within human behavior that varies by term (see class note for current topic). It meets in small seminar style, with potential for coursework in a faculty research lab as well. Open to juniors, seniors, and graduate students by permission of instructor. Repeatable for credit.

Fall 2025 Topic: Evolution, Endocrinology, and Social Relationships As humans, we are social creatures who depend on our relationships with others throughout our lives. This advanced seminar applies the lens of evolutionary endocrinology to explore the intricate interplay between social behaviors, bonds, and hormones, offering a comprehensive examination of how endocrine mechanisms shape and are shaped by social relationships. Over the course of the semester, we will delve into key questions such as: How do hormones create bonds between people and other animals? What are the hormonal underpinnings of our parenting and pair-bonding? Why and how do social interactions cause or reduce our stress? How do we balance cooperation with competition with our kin, group-members, and people on the outside of our close relationships? How can we compare human patterns to other animals to learn how these patterns evolve? Throughout the course students will critically engage with and discuss primary research across human evolutionary biology and anthropology, primatology and animal behavior to gain insights into the innerworkings of our social lives and how sociality deeply intertwines with our biology.

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 193

Course ID: 224619
2025 Fall (4 Credits)

Advanced Topics in Human Evolution

R 1245 PM - 0245 PM

Instructor Permission Required

Abigail Desmond, Kayla Worthey

Topic: African Human Evolution

This course offers a focused exploration on a topic within human evolution that varies by term (see class note for current topic). It meets in small seminar style, with potential for coursework in a faculty research lab as well. Open to juniors, seniors, and graduate students by permission of instructor. Repeatable for credit.

Advanced Topic Fall 2025: Key Junctures in African Human Evolution This upper division course investigates key transitions in hominin evolution during the Early, Middle, and Later Stone Ages of Africa, from the Late Pliocene to the transitional Holocene. In an in-depth seminar format, we critically evaluate apparent step-changes in hominin evolution, with a special focus on issues at the forefront of scholarly debate in the fields of archaeology and human origins. Through a series of weekly deep-dives, we will assess the integrity of current bioanthropological and archaeological explanatory models of hominin evolutionary transitions in light of novel and/or recently generated data. Special topics include whether - and how - a changing climate could have driven incipient bipedalism, whether the Sahara remained a consistent barrier in structuring pan-African dispersals of hominin populations, and the technological, social, and demographic developments of *Homo sapiens* that enabled their eventual successful colonization of global environments beyond Africa.

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 2339

Course ID: 217880
2026 Spring (4 Credits)

The Human Brain in the Animal Kingdom

TR 0130 PM - 0245 PM

Instructor Permission Required

Erin Hecht

Our brains make us what we are. How did they get that way? How are they different from other animals', and how are they similar? This course will explore the structure and function of the modern human brain and

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examine the selective pressures that have impacted the evolution of human neuroanatomy and cognition.

Frequent comparisons will be made with other primate and non-primate species in order to situate an understanding of *Homo sapiens* within the context of the broader animal kingdom. Additionally, the course will delve into the types of methodological approaches used to study these topics and consider the frontiers of new knowledge in this area. The course will integrate research and theory from biological anthropology, archaeology, psychology, ethology, and neuroscience. Topics covered include the evolution of large brains in humans and other species; the emergence of specializations for communication, tool use, and culture; social cognition and theory of mind; individual variation and experience-dependent plasticity in the brain; and domestication and self-domestication.

Course Note: This course is the graduate level of The Human Brain in the Animal Kingdom. Only graduate students should enroll in this course; if you are interested in taking this course for undergraduate credit, please enroll in HEB 1339.

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 2480

Human Nature

No meeting time listed

Joseph Henrich

Course ID: 203596

2025 Fall (4 Credits)

Instructor Permission Required

This course asks: What makes us behaviorally and psychologically human? In what ways are humans similar to other species and in what ways are we different? What are the evolutionary origins of the behavioral and psychological features found across human societies including parental love, sibling rivalry, pair-bonding, incest aversion, social status, war, norms, altruism, religion, language, and cooking? At the same time, how can we account for the immense diversity we observe in behavior and psychology across time and across societies? Tackling these questions within a broad evolutionary framework, the course will draw on the latest insights and evidence from evolutionary biology, primatology, anthropological ethnography, neuroscience, genetics, linguistics, economics and psychology. We'll fully contextualize contemporary behavior by examining studies of non-human primates, especially chimpanzees, and a broad breadth of human variation, based on comparative studies of hunter-gatherers, herders, agriculturalists and—the most unusual of all—people from industrialized societies. We'll also consider how cultural evolution has shaped our genetic evolution, both over our species' deep history and in more recent millennia. Along the way, we'll consider how understanding the evolutionary origins of human behavior, psychology and culture informs how we approach contemporary issues such as patriarchy, polygamous marriage, sex differences, child abuse, mating preferences, homosexuality, racism, psychological variation among populations and the use of oral contraceptives.

Course Note: Undergraduate students interested in this course should enroll in GenEd 1056.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

HEB 3000

Reading and Research

No meeting time listed

Terence Capellini

Course ID: 126279

2025 Fall (4 Credits)

Instructor Permission Required

HEB 3000

Reading and Research

No meeting time listed

David Reich

Course ID: 126279

2026 Spring (4 Credits)

Instructor Permission Required

HEB 3000 (002)

Reading and Research

No meeting time listed

Rachel Carmody

Course ID: 126279

2025 Fall (4 Credits)

Instructor Permission Required

HEB 3000 (002)

Reading and Research

No meeting time listed

Course ID: 126279

2026 Spring (4 Credits)

Instructor Permission Required

HEB 3000 (003)

Reading and Research

No meeting time listed

David Reich

Course ID: 126279

2025 Fall (4 Credits)

Instructor Permission Required

HEB 3000 (003)

Reading and Research

No meeting time listed

Daniel Lieberman

Course ID: 126279

2026 Spring (4 Credits)

Instructor Permission Required

HEB 3000 (004)

Reading and Research

No meeting time listed

Christopher Kuzawa

Course ID: 126279

2025 Fall (4 Credits)

Instructor Permission Required

HEB 3000 (004)

Reading and Research

No meeting time listed

Erin Hecht

Course ID: 126279

2026 Spring (4 Credits)

Instructor Permission Required

HEB 3000 (005)

Reading and Research

No meeting time listed

Daniel Lieberman

Course ID: 126279

2025 Fall (4 Credits)

Instructor Permission Required

HEB 3000 (005)

Reading and Research

No meeting time listed

Terence Capellini

Course ID: 126279

2026 Spring (4 Credits)

Instructor Permission Required

HEB 3000 (006)

Reading and Research

No meeting time listed

Erin Hecht

Course ID: 126279

2025 Fall (4 Credits)

Instructor Permission Required

HEB 3000 (006)

Reading and Research

No meeting time listed

Martin Surbeck

Course ID: 126279

2026 Spring (4 Credits)

Instructor Permission Required

HEB 3000 (007)

Reading and Research

No meeting time listed

Kevin Uno

Course ID: 126279

2025 Fall (4 Credits)

Instructor Permission Required

HEB 3000 (007) Reading and Research <i>No meeting time listed</i> <i>Janet Song</i>	Course ID: 126279 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HEB 3000 (008) Reading and Research <i>No meeting time listed</i> <i>Joseph Henrich</i>	Course ID: 126279 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HEB 3000 (008) Reading and Research <i>No meeting time listed</i>	Course ID: 126279 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HEB 3000 (009) Reading and Research <i>No meeting time listed</i> <i>Martin Surbeck</i>	Course ID: 126279 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HEB 3000 (009) Reading and Research <i>No meeting time listed</i> <i>Kevin Uno</i>	Course ID: 126279 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HEB 3000 (010) Reading and Research <i>No meeting time listed</i> <i>Janet Song</i>	Course ID: 126279 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HEB 3000 (010) Reading and Research <i>No meeting time listed</i> <i>Christopher Kuzawa</i>	Course ID: 126279 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HEB 3001 Reading for General Examination <i>No meeting time listed</i> <i>Terence Capellini</i>	Course ID: 126280 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HEB 3001 Reading for General Examination <i>No meeting time listed</i> <i>Terence Capellini</i>	Course ID: 126280 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HEB 3001 (002) Reading for General Examination <i>No meeting time listed</i> <i>Rachel Carmody</i>	Course ID: 126280 2025 Fall (4 Credits) <i>Instructor Permission Required</i>

HEB 3001 (002)	Course ID: 126280
Reading for General Examination	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Rachel Carmody</i>	
HEB 3001 (003)	Course ID: 126280
Reading for General Examination	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Joseph Henrich</i>	
HEB 3001 (003)	Course ID: 126280
Reading for General Examination	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Daniel Lieberman</i>	
HEB 3001 (004)	Course ID: 126280
Reading for General Examination	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Daniel Lieberman</i>	
HEB 3001 (004)	Course ID: 126280
Reading for General Examination	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Erin Hecht</i>	
HEB 3001 (005)	Course ID: 126280
Reading for General Examination	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Erin Hecht</i>	
HEB 3001 (005)	Course ID: 126280
Reading for General Examination	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>David Reich</i>	
HEB 3001 (006)	Course ID: 126280
Reading for General Examination	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Kevin Uno</i>	
HEB 3001 (006)	Course ID: 126280
Reading for General Examination	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Joseph Henrich</i>	
HEB 3001 (007)	Course ID: 126280
Reading for General Examination	2025 Fall (4 Credits)

No meeting time listed
Christopher Kuzawa

Instructor Permission Required

HEB 3001 (007)
Reading for General Examination
No meeting time listed
Martin Surbeck

Course ID: 126280
2026 Spring (4 Credits)
Instructor Permission Required

HEB 3001 (008)
Reading for General Examination
No meeting time listed
Martin Surbeck

Course ID: 126280
2025 Fall (4 Credits)
Instructor Permission Required

HEB 3001 (008)
Reading for General Examination
No meeting time listed
Kevin Uno

Course ID: 126280
2026 Spring (4 Credits)
Instructor Permission Required

HEB 3001 (009)
Reading for General Examination
No meeting time listed
David Reich

Course ID: 126280
2025 Fall (4 Credits)
Instructor Permission Required

HEB 3001 (009)
Reading for General Examination
No meeting time listed
Christopher Kuzawa

Course ID: 126280
2026 Spring (4 Credits)
Instructor Permission Required

HEB 3001 (010)
Reading for General Examination
No meeting time listed
Janet Song

Course ID: 126280
2025 Fall (4 Credits)
Instructor Permission Required

HEB 3200
Graduate Seminar in Human Evolutionary Biology
W 1245 PM - 0245 PM
Rachel Carmody

Course ID: 126919
2026 Spring (4 Credits)
Instructor Permission Required

Proseminar for Human Evolutionary Biology graduate students. Discussion of adaptations and the process of adaptation using examples from various areas of human evolutionary biology.

Course Note: Required for first year graduate students in Human Evolutionary Biology.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: Science & Engineering & Applied Science

HEB 3300
Teaching Fellowship
No meeting time listed
Erin Hecht

Course ID: 212556
2025 Fall (4 Credits)
Instructor Permission Required

HEB 3300	Course ID: 212556 2026 Spring (4 Credits)
Teaching Fellowship	
<i>No meeting time listed</i>	
<i>Daniel Lieberman</i>	
HEB 3300 (002)	Course ID: 212556 2025 Fall (4 Credits)
Teaching Fellowship	
<i>No meeting time listed</i>	
<i>Joseph Henrich</i>	
HEB 3300 (002)	Course ID: 212556 2026 Spring (4 Credits)
Teaching Fellowship	
<i>No meeting time listed</i>	
<i>Erin Hecht</i>	
HEB 3300 (003)	Course ID: 212556 2025 Fall (4 Credits)
Teaching Fellowship	
<i>No meeting time listed</i>	
<i>David Reich</i>	
HEB 3300 (003)	Course ID: 212556 2026 Spring (4 Credits)
Teaching Fellowship	
<i>No meeting time listed</i>	
<i>Rachel Carmody</i>	
HEB 3300 (004)	Course ID: 212556 2025 Fall (4 Credits)
Teaching Fellowship	
<i>No meeting time listed</i>	
<i>Daniel Lieberman</i>	
HEB 3300 (004)	Course ID: 212556 2026 Spring (4 Credits)
Teaching Fellowship	
<i>No meeting time listed</i>	
<i>Terence Capellini</i>	
HEB 3300 (005)	Course ID: 212556 2025 Fall (4 Credits)
Teaching Fellowship	
<i>No meeting time listed</i>	
<i>Terence Capellini</i>	
HEB 3300 (005)	Course ID: 212556 2026 Spring (4 Credits)
Teaching Fellowship	
<i>No meeting time listed</i>	
<i>David Reich</i>	
HEB 3300 (006)	Course ID: 212556 2025 Fall (4 Credits)
Teaching Fellowship	
<i>No meeting time listed</i>	
<i>Kevin Uno</i>	

HEB 3300 (006)	Course ID: 212556
Teaching Fellowship	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Joseph Henrich</i>	

HEB 3300 (007)	Course ID: 212556
Teaching Fellowship	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Martin Surbeck</i>	

HEB 3300 (007)	Course ID: 212556
Teaching Fellowship	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Martin Surbeck</i>	

HEB 3300 (008)	Course ID: 212556
Teaching Fellowship	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Rachel Carmody</i>	

HEB 3300 (008)	Course ID: 212556
Teaching Fellowship	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Kevin Uno</i>	

HEB 3310	Course ID: 117873
Experimental Methods in Human Evolutionary Biology	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Terence Capellini</i>	

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3310	Course ID: 117873
Experimental Methods in Human Evolutionary Biology	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Terence Capellini</i>	

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3310 (002)	Course ID: 117873
Experimental Methods in Human Evolutionary Biology	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Rachel Carmody</i>	

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3310 (002)

Experimental Methods in Human Evolutionary Biology

No meeting time listed
Rachel Carmody

Course ID: 117873
2026 Spring (4 Credits)

Instructor Permission Required

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3310 (003)

Experimental Methods in Human Evolutionary Biology

No meeting time listed
Daniel Lieberman

Course ID: 117873
2025 Fall (4 Credits)

Instructor Permission Required

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3310 (003)

Experimental Methods in Human Evolutionary Biology

No meeting time listed
Daniel Lieberman

Course ID: 117873
2026 Spring (4 Credits)

Instructor Permission Required

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3310 (004)

Experimental Methods in Human Evolutionary Biology

No meeting time listed
Janet Song

Course ID: 117873
2025 Fall (4 Credits)

Instructor Permission Required

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3310 (004)

Experimental Methods in Human Evolutionary Biology

No meeting time listed
Erin Hecht

Course ID: 117873
2026 Spring (4 Credits)

Instructor Permission Required

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3310 (005)

Experimental Methods in Human Evolutionary Biology

No meeting time listed
Christopher Kuzawa

Course ID: 117873
2025 Fall (4 Credits)

Instructor Permission Required

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3310 (005)	Course ID: 117873
Experimental Methods in Human Evolutionary Biology	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>David Reich</i>	

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3310 (006)	Course ID: 117873
Experimental Methods in Human Evolutionary Biology	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Martin Surbeck</i>	

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3310 (006)	Course ID: 117873
Experimental Methods in Human Evolutionary Biology	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Joseph Henrich</i>	

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3310 (007)	Course ID: 117873
Experimental Methods in Human Evolutionary Biology	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Erin Hecht</i>	

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3310 (007)	Course ID: 117873
Experimental Methods in Human Evolutionary Biology	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Martin Surbeck</i>	

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3310 (008)	Course ID: 117873
Experimental Methods in Human Evolutionary Biology	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>

Kevin Uno

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3310 (008)

Experimental Methods in Human Evolutionary Biology

No meeting time listed

Kevin Uno

Course ID: 117873
2026 Spring (4 Credits)

Instructor Permission Required

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3310 (009)

Experimental Methods in Human Evolutionary Biology

No meeting time listed

Joseph Henrich

Course ID: 117873
2025 Fall (4 Credits)

Instructor Permission Required

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3310 (009)

Experimental Methods in Human Evolutionary Biology

No meeting time listed

Christopher Kuzawa

Course ID: 117873
2026 Spring (4 Credits)

Instructor Permission Required

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3310 (010)

Experimental Methods in Human Evolutionary Biology

No meeting time listed

David Reich

Course ID: 117873
2025 Fall (4 Credits)

Instructor Permission Required

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3310 (010)

Experimental Methods in Human Evolutionary Biology

No meeting time listed

Janet Song

Course ID: 117873
2026 Spring (4 Credits)

Instructor Permission Required

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3350

Laboratory Methods in Primate and Human Nutrition

Course ID: 126406
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Rachel Carmody

Independent laboratory study in the biochemical analysis of plant and animal foods, and of human and animal digestive physiology and feeding behavior.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

HEB 3350

Course ID: 126406

Laboratory Methods in Primate and Human Nutrition

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Rachel Carmody

Independent laboratory study in the biochemical analysis of plant and animal foods, and of human and animal digestive physiology and feeding behavior.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

HEB 3400

Course ID: 126282

Advanced Reading and Research

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Terence Capellini

HEB 3400

Course ID: 126282

Advanced Reading and Research

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Terence Capellini

HEB 3400 (002)

Course ID: 126282

Advanced Reading and Research

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Rachel Carmody

HEB 3400 (002)

Course ID: 126282

Advanced Reading and Research

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Rachel Carmody

HEB 3400 (003)

Course ID: 126282

Advanced Reading and Research

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Joseph Henrich

HEB 3400 (003)

Course ID: 126282

Advanced Reading and Research

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Erin Hecht

HEB 3400 (004)

Course ID: 126282

Advanced Reading and Research

2025 Fall (4 Credits)

No meeting time listed
Daniel Lieberman

Instructor Permission Required

HEB 3400 (004)
Advanced Reading and Research
No meeting time listed
Daniel Lieberman

Course ID: 126282
2026 Spring (4 Credits)
Instructor Permission Required

HEB 3400 (005)
Advanced Reading and Research
No meeting time listed
Erin Hecht

Course ID: 126282
2025 Fall (4 Credits)
Instructor Permission Required

HEB 3400 (005)
Advanced Reading and Research
No meeting time listed
David Reich

Course ID: 126282
2026 Spring (4 Credits)
Instructor Permission Required

HEB 3400 (006)
Advanced Reading and Research
No meeting time listed
Kevin Uno

Course ID: 126282
2025 Fall (4 Credits)
Instructor Permission Required

HEB 3400 (006)
Advanced Reading and Research
No meeting time listed
Joseph Henrich

Course ID: 126282
2026 Spring (4 Credits)
Instructor Permission Required

HEB 3400 (007)
Advanced Reading and Research
No meeting time listed
Janet Song

Course ID: 126282
2025 Fall (4 Credits)
Instructor Permission Required

HEB 3400 (007)
Advanced Reading and Research
No meeting time listed
Martin Surbeck

Course ID: 126282
2026 Spring (4 Credits)
Instructor Permission Required

HEB 3400 (008)
Advanced Reading and Research
No meeting time listed
Martin Surbeck

Course ID: 126282
2025 Fall (4 Credits)
Instructor Permission Required

HEB 3400 (008)
Advanced Reading and Research
No meeting time listed
Kevin Uno

Course ID: 126282
2026 Spring (4 Credits)
Instructor Permission Required

HEB 3400 (009)	Course ID: 126282
Advanced Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>David Reich</i>	

HEB 3400 (009)	Course ID: 126282
Advanced Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Christopher Kuzawa</i>	

HEB 3400 (010)	Course ID: 126282
Advanced Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Christopher Kuzawa</i>	

HEB 3400 (010)	Course ID: 126282
Advanced Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Janet Song</i>	

HEB 3500	Course ID: 126283
Direction of the Doctoral Dissertation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Terence Capellini</i>	

Course Note: Consult the appropriate member of the department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3500	Course ID: 126283
Direction of the Doctoral Dissertation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Terence Capellini</i>	

Course Note: Consult the appropriate member of the department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3500 (002)	Course ID: 126283
Direction of the Doctoral Dissertation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Rachel Carmody</i>	

Course Note: Consult the appropriate member of the department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3500 (002)	Course ID: 126283
Direction of the Doctoral Dissertation	2026 Spring (4 Credits)

No meeting time listed
Rachel Carmody

Instructor Permission Required

Course Note: Consult the appropriate member of the department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

HEB 3500 (003)

Direction of the Doctoral Dissertation

No meeting time listed

Janet Song

Course ID: 126283

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Consult the appropriate member of the department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

HEB 3500 (003)

Direction of the Doctoral Dissertation

No meeting time listed

Daniel Lieberman

Course ID: 126283

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Consult the appropriate member of the department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

HEB 3500 (004)

Direction of the Doctoral Dissertation

No meeting time listed

Daniel Lieberman

Course ID: 126283

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Consult the appropriate member of the department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

HEB 3500 (004)

Direction of the Doctoral Dissertation

No meeting time listed

Erin Hecht

Course ID: 126283

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Consult the appropriate member of the department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

HEB 3500 (005)

Direction of the Doctoral Dissertation

No meeting time listed

Erin Hecht

Course ID: 126283

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Consult the appropriate member of the department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3500 (005)

Direction of the Doctoral Dissertation

No meeting time listed

David Reich

Course ID: 126283
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Consult the appropriate member of the department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3500 (006)

Direction of the Doctoral Dissertation

No meeting time listed

Christopher Kuzawa

Course ID: 126283
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Consult the appropriate member of the department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3500 (006)

Direction of the Doctoral Dissertation

No meeting time listed

Joseph Henrich

Course ID: 126283
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Consult the appropriate member of the department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3500 (007)

Direction of the Doctoral Dissertation

No meeting time listed

Kevin Uno

Course ID: 126283
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Consult the appropriate member of the department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3500 (007)

Direction of the Doctoral Dissertation

No meeting time listed

Kevin Uno

Course ID: 126283
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Consult the appropriate member of the department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)
FAS Divisional Distribution: None

HEB 3500 (008)

Direction of the Doctoral Dissertation

No meeting time listed

Martin Surbeck

Course ID: 126283

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Consult the appropriate member of the department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

HEB 3500 (008)

Direction of the Doctoral Dissertation

No meeting time listed

Martin Surbeck

Course ID: 126283

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Consult the appropriate member of the department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

HEB 3500 (009)

Direction of the Doctoral Dissertation

No meeting time listed

David Reich

Course ID: 126283

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Consult the appropriate member of the department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

HEB 3500 (009)

Direction of the Doctoral Dissertation

No meeting time listed

Christopher Kuzawa

Course ID: 126283

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Consult the appropriate member of the department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

HEB 3500 (010)

Direction of the Doctoral Dissertation

No meeting time listed

Joseph Henrich

Course ID: 126283

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Consult the appropriate member of the department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

HEB 3500 (010)

Direction of the Doctoral Dissertation

No meeting time listed

Janet Song

Course ID: 126283

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Consult the appropriate member of the department.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

HEB 3596

Course ID: 160709

Laboratory Methods in Human Developmental Genetics

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Terence Capellini

Supervised independent laboratory research focusing on discovering the developmental genetic and genomic mechanisms that control musculo-skeletal development in the context of human evolutionary anatomy. Students will be conducting research in Professor Terry Capellini's Developmental and Evolutionary Genetics Lab.

Course Note: Limited to graduate students in Human Evolutionary Biology.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

HEB 3596

Course ID: 160709

Laboratory Methods in Human Developmental Genetics

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Terence Capellini

Supervised independent laboratory research focusing on discovering the developmental genetic and genomic mechanisms that control musculo-skeletal development in the context of human evolutionary anatomy. Students will be conducting research in Professor Terry Capellini's Developmental and Evolutionary Genetics Lab.

Course Note: Limited to graduate students in Human Evolutionary Biology.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

HEB 3600

Course ID: 126616

Current Issues in Human Evolutionary Biology

2025 Fall (4 Credits)

T 1200 PM - 0115 PM

Instructor Permission Required

Terence Capellini

Weekly seminars in human evolutionary biology.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

HEB 3600

Course ID: 126616

Current Issues in Human Evolutionary Biology

2026 Spring (4 Credits)

T 1200 PM - 0115 PM

Instructor Permission Required

Daniel Lieberman

Weekly seminars in human evolutionary biology.

Requires: Course open to Graduate Students Only (Undergraduates can submit a request to enroll)

FAS Divisional Distribution: None

Humanities

Humanities

HUMAN 2

Course ID: 226533

Introduction to the Medical and Health Humanities

2025 Fall (4 Credits)

Karen Thornber

HUM 2 serves as an introduction to the burgeoning field of the medical and health humanities, a thriving discipline that explores the human side of medicine, health and healthcare through the lens of the humanities, social sciences, and the arts. We will bring together perspectives from literature, media, history, philosophy, ethics, anthropology, and the visual and performing arts to deepen our understanding of illness, health, and healing. This course is aimed at students with a broad range of career goals - from medicine and the other health professions to politics, law, journalism, nonprofits, and the creative and performing arts.

FAS Divisional Distribution: Arts and Humanities

HUMAN 7

Course ID: 226534

Culture in Context

2025 Fall (4 Credits)

M 1245 PM - 0245 PM

Lauren Kaminsky

This course introduces students to the interdisciplinary study of cultural materials in their historical contexts. Weekly lectures, given by members of History and Literature's Committee on Degrees and other members of the faculty, will focus on types of primary sources (such as film, fiction, music, photography, and archival documents), approaching them from key theoretical and methodological perspectives. Class meetings will feature trips to campus museums, archives, and performances. Assignments will practice the fundamental skills of close reading and historical contextualization, culminating in a research project.

Course Note: All students are expected to attend the tutorial component of the course. Please sign up for the Wednesday 12:45 - 2:45 section time. If you have a scheduling conflict, you may sign up for the TBD section time in order to register; however we cannot guarantee an alternate section time.

HUMAN 7 is open to all undergraduate students. The course satisfies the sophomore tutorial requirement in History and Literature.

FAS Divisional Distribution: Arts and Humanities

HUMAN 9

Course ID: 226535

Reading for Fiction Writers

2025 Fall (4 Credits)

MW 1030 AM - 1145 AM

Instructor Permission Required

Indraneel Mukherjee, Laura van den Berg

There is no writing without reading. This is a fact that all writers know. Ask any writer why they became a writer, and they'll tell you that it's because they read. Octavia Butler, who came from a poor family, once said that she became a writer because she had access to public libraries. Books, in other words; they showed her what was possible. What kind of training in reading prepares one to become a writer? This is an open-enrollment creative writing course that will introduce you to some extraordinary writers who will inspire you, make you think, make you quarrel with them, fill you with wonder and awe and, sometimes, bafflement. The reading list is meant to be a stepping-stone to possibilities, to greater imaginative and creative worlds.

*We will begin with Ursula Le Guin's *The Left Hand of Darkness*; students should plan to read the novel before the second course meeting.*

FAS Divisional Distribution: Arts and Humanities

HUMAN 10A

Course ID: 110440

A Humanities Colloquium from Homer to Joyce

2025 Fall (4 Credits)

T 1030 AM - 1145 AM

Instructor Permission Required

Louis Menand, David Elmer, Glenda Carpio, Stephen Greenblatt, Stephen Greenblatt

A Humanities Colloquium: from Homer to Joyce: 2,500 years of essential works, taught by six professors. Humanities 10a will tentatively include works by Homer, Sappho, Sophocles, Plato, Virgil, Dante, Boccaccio, Shakespeare, Descartes, Du Bois, Kafka and Woolf. One 75-minute lecture plus a 75-minute discussion seminar led by the professors every week. Students will receive instruction in critical writing one hour a week, in writing labs and individual conferences. Students also have opportunities to participate in a range of cultural experiences, ranging from plays and musical events to museum and library collections.

Course Note: The course is open only to first-year students. Students who complete Humanities 10a meet the Harvard College Curriculum divisional distribution requirement for Arts & Humanities. Students who take both

Humanities 10a and Humanities 10b fulfill the College Writing requirement. This is the only course outside of Expository Writing that satisfies the College Writing requirement. No auditors. The course may not be taken Pass/Fail. Students must apply to be admitted to the course. Enrollment is limited to 90.

FAS Divisional Distribution: Arts and Humanities

HUMAN 10B

Course ID: 110441

A Humanities Colloquium from Homer to Joyce

2026 Spring (4 Credits)

T 1030 AM - 1145 AM

Instructor Permission Required

David Elmer, Indraneel Mukherjee, Beth Blum, Spencer Lee-Lenfield, Spencer Lee-Lenfield

A Humanities Colloquium: from Homer to Joyce: 2,500 years of essential works, taught by six professors. Humanities 10b will tentatively include works by Joyce, John Stuart Mill, Mary Shelley, Austen, Schiller, Augustine, Apuleius, Epictetus, Sophocles, and Homer, as well as the Bible. One 75-minute lecture plus a 75-minute discussion seminar led by the professors every week. Students will receive instruction in critical writing one hour a week, in writing labs and individual conferences. Students also have opportunities to participate in a range of cultural experiences, ranging from plays and musical events to museum and library collections.

Course Note: The course is open only to first-year students who have completed Humanities 10a. Students who complete Humanities 10a meet the Harvard College Curriculum divisional distribution requirement for Arts & Humanities. Students who take both Humanities 10a and Humanities 10b fulfill the College Writing requirement. This is the only course outside of Expository Writing that satisfies the College Writing requirement. No auditors. The course may not be taken Pass/Fail.

FAS Divisional Distribution: Arts and Humanities

HUMAN 17

Course ID: 226589

The Human Sciences: Fundamentals and Basic Concepts

2026 Spring (4 Credits)

R 1245 PM - 0245 PM

John T. Hamilton

What do humanist scholars do and how do they do it? This preparatory course introduces students to the fundamental skills, techniques, and methods that are applicable for study in any one of the disciplines offered in the Humanities, including languages and literatures, philosophy and theory, music, performance and the visual arts, from antiquity to the present. Through a comprehensive and systematic explication of cross-disciplinary terminology, participants acquire the tools necessary for interpretation and analysis, for critically engaging with what has been produced, expressed, and argued by artists and thinkers across the world's epochs and cultures.

HUMAN 166 (LEC)

Course ID: 226526

Bob Dylan the Classic

2025 Fall (4 Credits)

TR 1030 AM - 1145 AM

Instructor Permission Required

Richard Thomas

This course examines Bob Dylan the creative genius and enduring and continuing musical, literary, and general cultural phenomenon, in the context of popular and higher literary culture of the last 60 years; also in the context of those long-lived literary and musical cultures with which he works: the Beats and Moderns of the 20th and Romantics of the 19th century; Poe, Melville, Whitman and Americana of the same 19th century; Shakespeare and the old ballad traditions; and in more recent songs going back to Homer, Virgil, Ovid, and the western literary canon. Traces the evolution of his songs and lyrics from their early folk, blues, rock, gospel, and protest roots, through the transition from acoustic to electric, in studio and performative contexts, also through the many persona evolutions and reinventions that have characterized and continue to characterize his career in songwriting, performance, literature, film and painting. Lectures, listening to, viewing, and discussing a broad representation of Dylan's output.

This course has an enrollment cap. When you submit an enrollment petition, in the text field please note your concentration (if you have declared one) and write in no more than 50 words/two sentences why you would like to take this course. This course will have a section. Section scheduling preferences will be collected after enrollment closes.

FAS Divisional Distribution: Arts and Humanities

Inner Asian and Altaic Studies

Inner Asian and Altaic Studies

IAAS 390

Research

No meeting time listed

Course ID: 215719

2025 Fall (4 Credits)

Instructor Permission Required

IAAS 390

Research

No meeting time listed

Course ID: 215719

2026 Spring (4 Credits)

Instructor Permission Required

Linguistics

Linguistics

LING 10

Language

MW 1200 PM - 0115 PM

Kathryn Davidson

Course ID: 000010

2026 Spring (4 Credits)

What is Language? Is language "a uniquely human gift"? Is it central to the human experience, as many have suggested? Why do some writers say that Language is what "makes us human?" Do other animals have Language? Do AI models "know a language"? What does it even mean to ask questions like these? Do languages vary from one another without limit? Or is there an underlying common core beneath the surface diversity? How similar are languages across modalities (signed/spoken)? Do the languages we know determine the thoughts we can think? Do we think (only) in language? Are there right and wrong ways of speaking? Who decides? What's the difference between a language and a dialect? Where do our words come from? It's said that more than half of the world's languages and maybe as many as 90% are "endangered" and may no longer be spoken by the end of the century. Are they "unsuited to the modern world" or are other factors at play? Are some languages more logical than others? Students in this course will be exposed to classical and new questions about language, and will gain analytic tools drawing on a wide variety of disciplines to get an appreciation of how one can approach these questions rationally and analytically. Our aim is not to present answers, but to foster critical thinking, and to understand on the one hand what such questions mean, and on the other, how one might approach them and why various answers have been given from a diversity of perspectives from Linguistics, Philosophy, Languages and Literatures, Psychology, Computer Science, Anthropology, and related fields in the humanities and sciences.

LING 73A

Beginning American Sign Language I

MTWR 0900 AM - 1015 AM

Nozomi Tomita

Course ID: 203507

2025 Fall (4 Credits)

Instructor Permission Required

This course is an introduction to the language and linguistic structure of American Sign Language and to Deaf culture for students with no prior experience. Focus will be on gaining a foundation for later fluency and understanding the role of ASL in Deaf history, current culture, education, bilingualism, and research.

Course Note: This course is limited to 22 students.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: American Sign Language

LING 73A (002)

Course ID: 203507

Beginning American Sign Language I

2025 Fall (4 Credits)

MTWR 1030 AM - 1145 AM

Instructor Permission Required

Nozomi Tomita

This course is an introduction to the language and linguistic structure of American Sign Language and to Deaf culture for students with no prior experience. Focus will be on gaining a foundation for later fluency and understanding the role of ASL in Deaf history, current culture, education, bilingualism, and research.

Course Note: This course is limited to 22 students.

FAS: Meets Foreign Lang Req: American Sign Language

FAS Divisional Distribution: None

LING 73A (003)

Course ID: 203507

Beginning American Sign Language I

2025 Fall (4 Credits)

MTWR 0130 PM - 0245 PM

Instructor Permission Required

Nora Owen

This course is an introduction to the language and linguistic structure of American Sign Language and to Deaf culture for students with no prior experience. Focus will be on gaining a foundation for later fluency and understanding the role of ASL in Deaf history, current culture, education, bilingualism, and research.

Course Note: This course is limited to 22 students.

FAS: Meets Foreign Lang Req: American Sign Language

FAS Divisional Distribution: None

LING 73A (004)

Course ID: 203507

Beginning American Sign Language I

2025 Fall (4 Credits)

MTWR 1200 PM - 0115 PM

Instructor Permission Required

Frances Conlin

This course is an introduction to the language and linguistic structure of American Sign Language and to Deaf culture for students with no prior experience. Focus will be on gaining a foundation for later fluency and understanding the role of ASL in Deaf history, current culture, education, bilingualism, and research.

Course Note: This course is limited to 22 students.

FAS: Meets Foreign Lang Req: American Sign Language

FAS Divisional Distribution: None

LING 73A (005)

Course ID: 203507

Beginning American Sign Language I

2025 Fall (4 Credits)

Instructor Permission Required

This course is an introduction to the language and linguistic structure of American Sign Language and to Deaf culture for students with no prior experience. Focus will be on gaining a foundation for later fluency and understanding the role of ASL in Deaf history, current culture, education, bilingualism, and research.

Course Note: This course is limited to 22 students.

FAS: Meets Foreign Lang Req: American Sign Language

FAS Divisional Distribution: None

LING 73B

Course ID: 203513

Beginning American Sign Language II

2026 Spring (4 Credits)

MTWR 0900 AM - 1015 AM

Instructor Permission Required

Nora Owen

This course is the second part of the beginning sequence of American Sign Language, an introduction to the language and linguistic structure of American Sign Language and to Deaf culture for students with no prior experience. Focus will be on gaining a foundation for later fluency and understanding the role of ASL in Deaf history, current culture, education, bilingualism, and research.

Course Note: This course is limited to 15 students.

Linguistics 73A, Beginning American Sign Language I

FAS: Meets Foreign Lang Req: American Sign Language

FAS Divisional Distribution: None

LING 73B (002)

Beginning American Sign Language II

MTWR 1030 AM - 1145 AM

No meeting time listed

Frances Conlin, Nozomi Tomita

Course ID: 203513

2026 Spring (4 Credits)

Instructor Permission Required

This course is the second part of the beginning sequence of American Sign Language, an introduction to the language and linguistic structure of American Sign Language and to Deaf culture for students with no prior experience. Focus will be on gaining a foundation for later fluency and understanding the role of ASL in Deaf history, current culture, education, bilingualism, and research.

Course Note: This course is limited to 15 students.

Linguistics 73A, Beginning American Sign Language I

FAS: Meets Foreign Lang Req: American Sign Language

FAS Divisional Distribution: None

LING 73B (003)

Beginning American Sign Language II

No meeting time listed

Frances Conlin

Course ID: 203513

2026 Spring (4 Credits)

Instructor Permission Required

This course is the second part of the beginning sequence of American Sign Language, an introduction to the language and linguistic structure of American Sign Language and to Deaf culture for students with no prior experience. Focus will be on gaining a foundation for later fluency and understanding the role of ASL in Deaf history, current culture, education, bilingualism, and research.

Course Note: This course is limited to 15 students.

Linguistics 73A, Beginning American Sign Language I

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: American Sign Language

LING 73B (004)

Beginning American Sign Language II

T 1030 AM - 1145 AM

Nozomi Tomita

Course ID: 203513

2026 Spring (4 Credits)

Instructor Permission Required

This course is the second part of the beginning sequence of American Sign Language, an introduction to the language and linguistic structure of American Sign Language and to Deaf culture for students with no prior experience. Focus will be on gaining a foundation for later fluency and understanding the role of ASL in Deaf history, current culture, education, bilingualism, and research.

Course Note: This course is limited to 15 students.

Linguistics 73A, Beginning American Sign Language I

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: American Sign Language

LING 73B (005)

Beginning American Sign Language II

MW 1030 AM - 1145 AM

Frances Conlin

Course ID: 203513

2026 Spring (4 Credits)

Instructor Permission Required

This course is the second part of the beginning sequence of American Sign Language, an introduction to the language and linguistic structure of American Sign Language and to Deaf culture for students with no prior experience. Focus will be on gaining a foundation for later fluency and understanding the role of ASL in Deaf history, current culture, education, bilingualism, and research.

Course Note: This course is limited to 15 students.

Linguistics 73A, Beginning American Sign Language I

FAS: Meets Foreign Lang Req: American Sign Language

FAS Divisional Distribution: None

LING 73C (002)

Beginning ASL III

MW 0300 PM - 0430 PM

Nora Owen

Course ID: 205111

2025 Fall (4 Credits)

Instructor Permission Required

ASL III is designed for students who have completed ASL levels I and II. Students come to ASL III with an understanding of the fundamentals of ASL comprehension and production. These foundational courses (ASL I and II) introduce students to the language using a natural acquisition approach without explicit focus on grammatical rules. ASL III has an increased focus on the appropriate ways to converse with members the Deaf community. In this class, students will learn how to tell stories that adhere to the pragmatic and linguistic standards of the Deaf community with a focus on stylistically appropriate production. In this class, students will learn how to engage with members of the Deaf community in respectful and culturally appropriate ways. In addition to fostering language development, we will discuss the history and culture of the Deaf community.

Course Note: This course is limited to 22 students.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: American Sign Language

LING 73C (003)

Beginning ASL III

TR 0300 PM - 0430 PM

Course ID: 205111

2025 Fall (4 Credits)

Instructor Permission Required

ASL III is designed for students who have completed ASL levels I and II. Students come to ASL III with an understanding of the fundamentals of ASL comprehension and production. These foundational courses (ASL I and II) introduce students to the language using a natural acquisition approach without explicit focus on grammatical rules. ASL III has an increased focus on the appropriate ways to converse with members the Deaf community. In this class, students will learn how to tell stories that adhere to the pragmatic and linguistic standards of the Deaf community with a focus on stylistically appropriate production. In this class, students will learn how to engage with members of the Deaf community in respectful and culturally appropriate ways. In addition to fostering language development, we will discuss the history and culture of the Deaf community.

Course Note: This course is limited to 22 students.

FAS: Meets Foreign Lang Req: American Sign Language

FAS Divisional Distribution: None

LING 73D

Beginning ASL IV

TR 0900 AM - 1115 AM

Nozomi Tomita

Course ID: 205124

2026 Spring (4 Credits)

Instructor Permission Required

ASL IV course will build on the foundation set in the first three levels of ASL and will focus on expressive language at a more advanced level. Students will have an opportunity to play with the language and explore different literary genres including: classifier stories, narratives of personal experience, visual vernacular and ASL poetry. Given that language learning doesn't happen in isolation, we will continue our exploration of Deaf culture

and norms in order to develop a deeper understanding of the Deaf community. Growing out of this discussion, students will learn what it means to work as an ally to the Deaf community and avoid oppressive behavior. Other issues to be discussed include recognizing audism in oneself and others and how to appropriately respond.

Course Note: This course is limited to 22 students.

FAS: Meets Foreign Lang Req: American Sign Language

FAS Divisional Distribution: None

LING 83

Language, Structure, and Cognition

MW 1030 AM - 1145 AM

Kathryn Davidson

Even though everyone speaks or signs at least one language, the complexity of language in its structure and function is often underappreciated and misunderstood. This myth-busting class guides students to the field of linguistics. Together, we will explore how language is structured from sound to conversation, how language is related to society, and how language is processed in the brain and simulated by machines. Students will engage with linguistic data, explore language technology, and reflect on their positions in the social world through ideologies about languages and their speakers. At the end of the class, with a taste for being a linguist, students will appreciate the skills and opportunities that linguistics can offer.

FAS Divisional Distribution: Arts and Humanities

LING 90A

Advanced ASL

MW 0300 PM - 0415 PM

Frances Conlin

Course ID: 208019

2025 Fall (4 Credits)

Instructor Permission Required

Small group instruction on Advance ASL, Level V with focus on expanded vocabulary and linguistics traits and structure. Hours to be arranged. Fall Term 2023 & Spring Term 2024 course taught by Nozomi Tomita

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: American Sign Language

LING 90B

Advanced ASL

R 1200 PM - 0115 PM

Frances Conlin

Course ID: 211196

2026 Spring (4 Credits)

Instructor Permission Required

ASL VI is a small group instruction that applies knowledge of advanced American Sign Language (ASL) grammar and vocabulary that focuses on the use of ASL discourse in formal as well as informal settings. This course additionally develops complex constructs and an understanding and production of lengthier narratives. Current cultural topics and attitudes regarding the Deaf community will also be explored. Course to be co-taught with Frances Conlin and Nozomi Tomita

FAS Divisional Distribution: Arts and Humanities

LING 90B (002)

Advanced ASL

T 1200 PM - 0115 PM

Nozomi Tomita

Course ID: 211196

2026 Spring (4 Credits)

Instructor Permission Required

ASL VI is a small group instruction that applies knowledge of advanced American Sign Language (ASL) grammar and vocabulary that focuses on the use of ASL discourse in formal as well as informal settings. This course additionally develops complex constructs and an understanding and production of lengthier narratives. Current cultural topics and attitudes regarding the Deaf community will also be explored. Course to be co-taught with Frances Conlin and Nozomi Tomita

LING 91R

Supervised Reading and Research

No meeting time listed

Gennaro Chierchia

Course ID: 109372
2026 Spring (4 Credits)

Instructor Permission Required

Independent study with a faculty member. For students who wish to pursue a particular linguistic topic not covered in other course offerings.

Course Note: Students should consult the Head Tutor about having this course count towards the concentration.

FAS Divisional Distribution: Arts and Humanities

LING 91R

Supervised Reading and Research

No meeting time listed

Kathryn Davidson

Course ID: 109372
2025 Fall (4 Credits)

Instructor Permission Required

Independent study with a faculty member. For students who wish to pursue a particular linguistic topic not covered in other course offerings.

Course Note: Students should consult the Head Tutor about having this course count towards the concentration.

FAS Divisional Distribution: Arts and Humanities

LING 97R

Group Tutorial - Sophomore Year

T 0300 PM - 0500 PM

Kathryn Davidson

Course ID: 111002
2026 Spring (4 Credits)

Intensive study in a selected linguistic area such as phonology, syntax, historical linguistics, phonetics, morphology, semantics, psycholinguistics, acquisition, sociolinguistics, creole studies, or computational linguistics. Meets as two six-week small-group tutorials, in the spring term.

Course Note: Required of concentrators.

FAS Divisional Distribution: Arts and Humanities

LING 98A

Group Tutorial - Junior Year

T 0300 PM - 0500 PM

Kathryn Davidson

Course ID: 113749
2025 Fall (4 Credits)

Instructor Permission Required

Meets as two six-week small-group tutorials, both held in the fall term, each covering one of the areas of linguistics listed under Linguistics 97r.

Course Note: Required of concentrators.

FAS Divisional Distribution: Arts and Humanities

LING 98B

Tutorial - Junior Year

No meeting time listed

Kathryn Davidson

Course ID: 120862
2026 Spring (4 Credits)

Instructor Permission Required

Individual tutorial with a faculty member and/or supported tutorial on the subject within a chosen track.

Course Note: Required of concentrators. Consult mentor/advisor for 98b.

LING 99A

Senior Writing Thesis Year

No meeting time listed

Robert Xu

Course ID: 112452

2025 Fall (4 Credits)

Instructor Permission Required

Group tutorial led by the College Fellow with the participation of students' thesis advisors for research and writing of the Linguistics honors thesis. An honors student who expects not to complete the thesis should consult with the DUS/Head Tutor about completing other substantial work to receive credit for the course.

Requires: Course open to Senior Students Only

FAS Divisional Distribution: Arts and Humanities

LING 99B

Tutorial - Senior Year

No meeting time listed

Kaden Holladay

Course ID: 124754

2026 Spring (4 Credits)

Individual tutorial with a faculty member for research and writing of the Linguistics honors thesis. An honors student who expects not to complete the thesis should consult with the Head Tutor about completing other substantial work to receive credit for the course.

Course Note: Both Linguistics 99a and 99b are required of all senior honors concentrators. Students who wish to enroll must obtain the signature of the Head Tutor.

Requires: Course open to Senior Students Only

FAS Divisional Distribution: Arts and Humanities

LING 102

Sentence Structure

TR 1200 PM - 0115 PM

Kaden Holladay

Course ID: 121089

2026 Spring (4 Credits)

What determines how the words in a sentence are put together in a given language? This course introduces the field of syntax, and the study of order and structure among words. Students will learn to construct and evaluate syntactic analyses and argumentation and will be exposed to variation and universals in the syntactic patterns found in natural languages. The course will also provide an introductory survey of syntactic phenomena, including question formation, the passive, anaphora, and agreement.

FAS Divisional Distribution: Arts and Humanities

LING 103

Language in its Social Context

TR 1030 AM - 1145 AM

Kathryn Franich

Course ID: 140523

2025 Fall (4 Credits)

Instructor Permission Required

Every language is characterized by a great deal of variation, much of it systematic and structured by sociological, individual, and environmental factors. Our speech patterns serve both as a historical record and as a tool for constructing and communicating our identities as speakers. In this course, we will use methods in sociolinguistics to investigate patterns of variation and the social factors that shape them. We will also explore how sociolinguistic variation is linked with language change. Students will read and respond to a variety of articles, blog posts, and academic publications, and learn to conduct qualitative and quantitative analysis of linguistic variation based on two class projects.

FAS Divisional Distribution: Arts and Humanities

LING 105

Sounds of Language

MW 1030 AM - 1145 AM

Kathryn Franich

What are the sounds of the world languages, and how are they organized to make words and sentences? Why are some sounds hard to hear or make? Is there a 'universal inventory' of sounds? This class introduces students to the sounds of the world's languages, and provides tools for studying them systematically. We will study the setup to transfer thoughts from one brain to another.

FAS Divisional Distribution: Arts and Humanities

Quantitative Reasoning with Data: Yes

Course ID: 111954
2026 Spring (4 Credits)

LING 106

Knowledge of Meaning

MW 0130 PM - 0245 PM

Gennaro Chierchia

This course is an introduction to the field of natural language semantics, which is a branch of linguistics concerned with meaning. What does it mean to know the meaning of a sentence? How do different parts of a sentence compose to form a sentence meaning? We will start by looking at sentence-level meanings and relations between them. Then, we will investigate how the meanings of sentence-internal elements (like verbs, subjects, and adjectives) are composed to form sentence meanings. During the process, we will cover some formal tools that allow us to talk about language in a precise way: set theory, propositional logic, predicate logic, and lambda notation. We will consider how the formal tools apply (and not apply) to natural languages and discuss how we can achieve a more comprehensive understanding of meaning.

FAS Divisional Distribution: Arts and Humanities

Course ID: 117788
2025 Fall (4 Credits)

Instructor Permission Required

LING 108

Introduction to Historical Linguistics

TR 1200 PM - 0115 PM

Jeremy Rau

Methods and goals of linguistic reconstruction. Topics include the regularity of sound change, types of linguistic change, the relationship between linguistic reconstruction and synchronic analysis, language contact and borrowing, and mechanisms of linguistic change, including recent theories.

FAS Divisional Distribution: Arts and Humanities

Course ID: 123850
2025 Fall (4 Credits)

LING 112

Syntactic Theory I

T 0945 AM - 1145 AM

Kaden Holladay

This course provides an intensive introduction to generative syntactic theory. Emphasis on syntactic argumentation. Topics center on foundational problems in the theory of syntax, including phrase structure of nominals and clauses, varieties of movement, locality, argument structure, ellipsis case agreement, and the syntax-semantics interface.

Linguistics 102, equivalent, or permission of the instructor.

FAS Divisional Distribution: Arts and Humanities

Course ID: 114153
2025 Fall (4 Credits)

LING 112

Syntactic Theory I

R 0945 AM - 1145 AM

Kaden Holladay

Course ID: 114153
2026 Spring (4 Credits)

This course provides an intensive introduction to generative syntactic theory. Emphasis on syntactic argumentation. Topics center on foundational problems in the theory of syntax, including phrase structure of nominals and clauses, varieties of movement, locality, argument structure, ellipsis case agreement, and the syntax-semantics interface.

Linguistics 102, equivalent, or permission of the instructor.

FAS Divisional Distribution: Arts and Humanities

LING 115

Phonological Theory I

W 0945 AM - 1145 AM

Kathryn Franich

This course is an intensive introduction to phonological theory and experimental work in phonology. This includes rule-based and constraint-based approaches, the typology of phonological processes (vowel and consonant harmony, assimilation and dissimilation, lenition and fortition, etc.), and phonological acquisition. Experimental approaches will deal with gradience, exceptionality, and productivity with an introduction to the quantitative methodologies that these phenomena require.

Linguistics 105, equivalent, or permission of the instructor

FAS Divisional Distribution: Arts and Humanities

LING 116

Semantic Theory I

R 0945 AM - 1145 AM

Kathryn Davidson

An introductory course on semantics in generative grammar. This course provides the formal tools to investigate the truth-conditional meanings of sentences. Topics covered include: compositionality, type theory and the fundamentals of clause structure, quantifier scope, and variable-binding.

Linguistics 106, equivalent, or permission of the instructor.

FAS Divisional Distribution: Arts and Humanities

LING 175

Structure of ASL

R 0945 AM - 1145 AM

Kathryn Davidson, Frances Conlin

This class will focus on the linguistic structure of American Sign Language (ASL) and other sign languages. Students will become familiar with both features shared cross-linguistically with spoken languages (e.g. complex verbal morphosyntax, abstract hierarchical structure in general) as well as features more notable in sign languages for modality specific properties (e.g. iconicity in depictive classifiers and anaphora, language creation/emergence), taking inspiration and empirical evidence both from theoretical linguistics as well as work on sign languages in psycholinguistics and cognitive science.

FAS Divisional Distribution: Arts and Humanities

LING 177

The Alabama Language: towards documentation and revitalization

R 0400 PM - 0600 PM

Tanya Bondarenko

Alabama is an endangered indigenous language from Muskogean family that is currently only spoken on the Alabama-Coushatta reservation in Texas. In this class we will discuss grammatical properties of Alabama (its phonology, morphology, syntax, semantics) and other Muskogean languages in light of the questions of

Course ID: 123439

2025 Fall (4 Credits)

Course ID: 122515

2025 Fall (4 Credits)

Course ID: 147622

2026 Spring (4 Credits)

Course ID: 140638

2026 Spring (4 Credits)

language documentation and revitalization. How does one document different properties of a language? How can linguists help communities in language revitalization efforts? This class approaches these questions in a hands-on manner, with students directly engaging with the existing collaboration between Harvard linguists and the Alabama-Coushatta community. prerequisite is an introductory class - 101 or 83 (or permission of the instructor).

LING 179

Structure of Finnish

R 0200 PM - 0400 PM

Kaden Holladay

This course will investigate aspects of the phonology, morphology, syntax, and semantics of Finnish (Uralic). Special attention will be paid to the features of Finnish that distinguish it from some of its better-known Indo-European neighbors. Among those features are vowel harmony, synchronically productive consonant lenition (implicated in several opaque morpho-phonological interactions), a link between telicity and object case, and a complex interplay between case marking, numerals, and pluralia tantum nouns. The particulars of course content will be guided both by student interest and by influential publications on the language.

Course ID: 000179
2025 Fall (4 Credits)

LING 207R

Topics in Semantics

M 1245 PM - 0345 PM

Gennaro Chierchia

Current issues in semantics. Topics to possibly include: Scope and anaphoric properties of indefinites, quantificational variability and generic uses, long distance indefinites. Spring Term 2026 course will be co- taught with G.Chierchia and Danny Fox, MIT

Course Note: For Spring 2025, this course will be co-taught by Kathryn Davidson and Athulya Aravind, MIT and focus on experimental methodology in syntax and semantics.

Course ID: 128096
2026 Spring (4 Credits)

FAS Divisional Distribution: Arts and Humanities

LING 215

Phonological Theory II

R 1245 PM - 0245 PM

Kevin Ryan

This course addresses topics of current interest in phonological theory, potentially including competing constraint grammar frameworks, learnability, naturalness biases, prosody, quantitative approaches (experimental or corpus-driven), variation, gradience, and the morphological interface.

Linguistics 105, equivalent, or permission of the instructor

FAS Divisional Distribution: Arts and Humanities

Course ID: 107809
2026 Spring (4 Credits)

LING 216

Semantic Theory II

W 0130 PM - 0345 PM

Gennaro Chierchia

Continuation of Linguistics 116. Designed to enable students to follow current research in semantics. Topics covered include: intensional contexts, indexicals, modalities, event based semantics, presuppositions, and formal theories of implicatures.

Linguistics 116, equivalent, or permission of the instructor.

FAS Divisional Distribution: Arts and Humanities

Course ID: 117103
2026 Spring (4 Credits)

LING 221R	Course ID: 107469
Workshop in Indo-European	2026 Spring (4 Credits)
R 0300 PM - 0500 PM	
<i>Jay Jasanoff</i>	
The topic for the year will be arranged in consultation with interested students. Conducted as a seminar.	

FAS Divisional Distribution: Arts and Humanities

LING 225	Course ID: 134139
Introduction to Hittite	2026 Spring (4 Credits)
W 0300 PM - 0500 PM	
<i>Jeremy Rau</i>	
Grammar and reading of texts in cuneiform and in transliteration; essentials of the comparative grammar of the Indo-European languages of Anatolia.	

FAS Divisional Distribution: Arts and Humanities

LING 241A	Course ID: 138303
Practicum in Linguistics	2026 Spring (2 Credits)
M 0300 PM - 0500 PM	
<i>Kathryn Franich</i>	
Presentation of reports on current research or assigned topics.	
<i>Course Note: Required of second- and third -year Linguistics graduate students.</i>	

FAS Divisional Distribution: None

LING 300	Course ID: 119132
Direction of Doctoral Dissertations	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Jonathan Bobaljik</i>	

FAS Divisional Distribution: None

LING 300	Course ID: 119132
Direction of Doctoral Dissertations	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Jesse Snedeker</i>	

FAS Divisional Distribution: None

LING 300 (002)	Course ID: 119132
Direction of Doctoral Dissertations	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Michael Flier</i>	

FAS Divisional Distribution: None

LING 300 (002)

Direction of Doctoral Dissertations

No meeting time listed

Michael Flier

Course ID: 119132
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

LING 300 (003)

Direction of Doctoral Dissertations

No meeting time listed

Jeremy Rau

Course ID: 119132
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

LING 300 (003)

Direction of Doctoral Dissertations

No meeting time listed

Jeremy Rau

Course ID: 119132
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

LING 300 (004)

Direction of Doctoral Dissertations

No meeting time listed

Jay Jasanoff

Course ID: 119132
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

LING 300 (004)

Direction of Doctoral Dissertations

No meeting time listed

Jay Jasanoff

Course ID: 119132
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

LING 300 (005)

Direction of Doctoral Dissertations

No meeting time listed

Kevin Ryan

Course ID: 119132
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

LING 300 (005)

Direction of Doctoral Dissertations

No meeting time listed

Kevin Ryan

Course ID: 119132

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

LING 300 (006)

Direction of Doctoral Dissertations

No meeting time listed

Gennaro Chierchia

Course ID: 119132

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

LING 300 (006)

Direction of Doctoral Dissertations

No meeting time listed

Gennaro Chierchia

Course ID: 119132

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

LING 300 (007)

Direction of Doctoral Dissertations

No meeting time listed

Kathryn Davidson

Course ID: 119132

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

LING 300 (008)

Direction of Doctoral Dissertations

Course ID: 119132

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

LING 300 (008)

Direction of Doctoral Dissertations

No meeting time listed

Kathryn Davidson

Course ID: 119132

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

LING 300 (009)	Course ID: 119132
Direction of Doctoral Dissertations	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Jesse Snedeker</i>	

FAS Divisional Distribution: None

LING 300 (009)	Course ID: 119132
Direction of Doctoral Dissertations	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Isabelle Charnavel</i>	

FAS Divisional Distribution: None

LING 300 (010)	Course ID: 119132
Direction of Doctoral Dissertations	2025 Fall (4 Credits)
	<i>Instructor Permission Required</i>

FAS Divisional Distribution: None

LING 300 (010)	Course ID: 119132
Direction of Doctoral Dissertations	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>C.-T. James Huang</i>	

FAS Divisional Distribution: None

LING 300 (011)	Course ID: 119132
Direction of Doctoral Dissertations	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>C.-T. James Huang</i>	

FAS Divisional Distribution: None

LING 301	Course ID: 124075
Reading or Special Topics Course	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Kevin Ryan</i>	

Reading or Special Topics courses by individual arrangement with a faculty member. These courses examine material and skills not covered in regular course offerings, normally tailored to graduate students' individual curricular needs. These courses may involve hands-on work with special collections, as well as laboratory and/or experimental work with the department's relevant facilities, including the Meaning & Modality Lab, the Phonetics Lab, and Fieldwork Lab as appropriate.

FAS Divisional Distribution: None

LING 301

Course ID: 124075
2026 Spring (4 Credits)

Reading or Special Topics Course

No meeting time listed

Instructor Permission Required

Jonathan Bobaljik, Susanne Wurmbrand, Tanya Bondarenko

Reading or Special Topics courses by individual arrangement with a faculty member. These courses examine material and skills not covered in regular course offerings, normally tailored to graduate students' individual curricular needs. These courses may involve hands-on work with special collections, as well as laboratory and/or experimental work with the department's relevant facilities, including the Meaning & Modality Lab, the Phonetics Lab, and Fieldwork Lab as appropriate.

FAS Divisional Distribution: None

LING 301 (002)

Course ID: 124075
2025 Fall (4 Credits)

Reading or Special Topics Course

No meeting time listed

Instructor Permission Required

Reading or Special Topics courses by individual arrangement with a faculty member. These courses examine material and skills not covered in regular course offerings, normally tailored to graduate students' individual curricular needs. These courses may involve hands-on work with special collections, as well as laboratory and/or experimental work with the department's relevant facilities, including the Meaning & Modality Lab, the Phonetics Lab, and Fieldwork Lab as appropriate.

FAS Divisional Distribution: None

LING 301 (002)

Course ID: 124075
2026 Spring (4 Credits)

Reading or Special Topics Course

No meeting time listed

Instructor Permission Required

Michael Flier

Reading or Special Topics courses by individual arrangement with a faculty member. These courses examine material and skills not covered in regular course offerings, normally tailored to graduate students' individual curricular needs. These courses may involve hands-on work with special collections, as well as laboratory and/or experimental work with the department's relevant facilities, including the Meaning & Modality Lab, the Phonetics Lab, and Fieldwork Lab as appropriate.

FAS Divisional Distribution: None

LING 301 (003)

Course ID: 124075
2025 Fall (4 Credits)

Reading or Special Topics Course

No meeting time listed

Instructor Permission Required

Jeremy Rau

Reading or Special Topics courses by individual arrangement with a faculty member. These courses examine material and skills not covered in regular course offerings, normally tailored to graduate students' individual curricular needs. These courses may involve hands-on work with special collections, as well as laboratory and/or experimental work with the department's relevant facilities, including the Meaning & Modality Lab, the Phonetics Lab, and Fieldwork Lab as appropriate.

FAS Divisional Distribution: None

LING 301 (003)

Reading or Special Topics Course

No meeting time listed

Jeremy Rau

Course ID: 124075

2026 Spring (4 Credits)

Instructor Permission Required

Reading or Special Topics courses by individual arrangement with a faculty member. These courses examine material and skills not covered in regular course offerings, normally tailored to graduate students' individual curricular needs. These courses may involve hands-on work with special collections, as well as laboratory and/or experimental work with the department's relevant facilities, including the Meaning & Modality Lab, the Phonetics Lab, and Fieldwork Lab as appropriate.

FAS Divisional Distribution: None

LING 301 (004)

Reading or Special Topics Course

No meeting time listed

Jay Jasanoff

Course ID: 124075

2025 Fall (4 Credits)

Instructor Permission Required

Reading or Special Topics courses by individual arrangement with a faculty member. These courses examine material and skills not covered in regular course offerings, normally tailored to graduate students' individual curricular needs. These courses may involve hands-on work with special collections, as well as laboratory and/or experimental work with the department's relevant facilities, including the Meaning & Modality Lab, the Phonetics Lab, and Fieldwork Lab as appropriate.

FAS Divisional Distribution: None

LING 301 (004)

Reading or Special Topics Course

No meeting time listed

Jay Jasanoff

Course ID: 124075

2026 Spring (4 Credits)

Instructor Permission Required

Reading or Special Topics courses by individual arrangement with a faculty member. These courses examine material and skills not covered in regular course offerings, normally tailored to graduate students' individual curricular needs. These courses may involve hands-on work with special collections, as well as laboratory and/or experimental work with the department's relevant facilities, including the Meaning & Modality Lab, the Phonetics Lab, and Fieldwork Lab as appropriate.

FAS Divisional Distribution: None

LING 301 (005)

Reading or Special Topics Course

No meeting time listed

Course ID: 124075

2025 Fall (4 Credits)

Instructor Permission Required

Reading or Special Topics courses by individual arrangement with a faculty member. These courses examine material and skills not covered in regular course offerings, normally tailored to graduate students' individual curricular needs. These courses may involve hands-on work with special collections, as well as laboratory and/or experimental work with the department's relevant facilities, including the Meaning & Modality Lab, the Phonetics Lab, and Fieldwork Lab as appropriate.

FAS Divisional Distribution: None

LING 301 (005)

Reading or Special Topics Course

No meeting time listed

Kevin Ryan

Course ID: 124075

2026 Spring (4 Credits)

Instructor Permission Required

Reading or Special Topics courses by individual arrangement with a faculty member. These courses examine

material and skills not covered in regular course offerings, normally tailored to graduate students' individual curricular needs. These courses may involve hands-on work with special collections, as well as laboratory and/or experimental work with the department's relevant facilities, including the Meaning & Modality Lab, the Phonetics Lab, and Fieldwork Lab as appropriate.

FAS Divisional Distribution: None

LING 301 (006)

Course ID: 124075

Reading or Special Topics Course

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Gennaro Chierchia

Reading or Special Topics courses by individual arrangement with a faculty member. These courses examine material and skills not covered in regular course offerings, normally tailored to graduate students' individual curricular needs. These courses may involve hands-on work with special collections, as well as laboratory and/or experimental work with the department's relevant facilities, including the Meaning & Modality Lab, the Phonetics Lab, and Fieldwork Lab as appropriate.

FAS Divisional Distribution: None

LING 301 (006)

Course ID: 124075

Reading or Special Topics Course

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Gennaro Chierchia

Reading or Special Topics courses by individual arrangement with a faculty member. These courses examine material and skills not covered in regular course offerings, normally tailored to graduate students' individual curricular needs. These courses may involve hands-on work with special collections, as well as laboratory and/or experimental work with the department's relevant facilities, including the Meaning & Modality Lab, the Phonetics Lab, and Fieldwork Lab as appropriate.

FAS Divisional Distribution: None

LING 301 (007)

Course ID: 124075

Reading or Special Topics Course

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Kathryn Davidson

Reading or Special Topics courses by individual arrangement with a faculty member. These courses examine material and skills not covered in regular course offerings, normally tailored to graduate students' individual curricular needs. These courses may involve hands-on work with special collections, as well as laboratory and/or experimental work with the department's relevant facilities, including the Meaning & Modality Lab, the Phonetics Lab, and Fieldwork Lab as appropriate.

FAS Divisional Distribution: None

LING 301 (008)

Course ID: 124075

Reading or Special Topics Course

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Kathryn Davidson

Reading or Special Topics courses by individual arrangement with a faculty member. These courses examine material and skills not covered in regular course offerings, normally tailored to graduate students' individual curricular needs. These courses may involve hands-on work with special collections, as well as laboratory and/or experimental work with the department's relevant facilities, including the Meaning & Modality Lab, the Phonetics Lab, and Fieldwork Lab as appropriate.

LING 301 (008)

Reading or Special Topics Course

No meeting time listed

Course ID: 124075
2026 Spring (4 Credits)

Instructor Permission Required

Reading or Special Topics courses by individual arrangement with a faculty member. These courses examine material and skills not covered in regular course offerings, normally tailored to graduate students' individual curricular needs. These courses may involve hands-on work with special collections, as well as laboratory and/or experimental work with the department's relevant facilities, including the Meaning & Modality Lab, the Phonetics Lab, and Fieldwork Lab as appropriate.

FAS Divisional Distribution: None

LING 301 (009)

Reading or Special Topics Course

No meeting time listed

Jesse Snedeker

Course ID: 124075
2025 Fall (4 Credits)

Instructor Permission Required

Reading or Special Topics courses by individual arrangement with a faculty member. These courses examine material and skills not covered in regular course offerings, normally tailored to graduate students' individual curricular needs. These courses may involve hands-on work with special collections, as well as laboratory and/or experimental work with the department's relevant facilities, including the Meaning & Modality Lab, the Phonetics Lab, and Fieldwork Lab as appropriate.

FAS Divisional Distribution: None

LING 301 (009)

Reading or Special Topics Course

No meeting time listed

Jesse Snedeker

Course ID: 124075
2026 Spring (4 Credits)

Instructor Permission Required

Reading or Special Topics courses by individual arrangement with a faculty member. These courses examine material and skills not covered in regular course offerings, normally tailored to graduate students' individual curricular needs. These courses may involve hands-on work with special collections, as well as laboratory and/or experimental work with the department's relevant facilities, including the Meaning & Modality Lab, the Phonetics Lab, and Fieldwork Lab as appropriate.

FAS Divisional Distribution: None

LING 301 (010)

Reading or Special Topics Course

No meeting time listed

Kathryn Franich

Course ID: 124075
2025 Fall (4 Credits)

Instructor Permission Required

Reading or Special Topics courses by individual arrangement with a faculty member. These courses examine material and skills not covered in regular course offerings, normally tailored to graduate students' individual curricular needs. These courses may involve hands-on work with special collections, as well as laboratory and/or experimental work with the department's relevant facilities, including the Meaning & Modality Lab, the Phonetics Lab, and Fieldwork Lab as appropriate.

FAS Divisional Distribution: None

LING 301 (010)

Reading or Special Topics Course

Course ID: 124075
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

C.-T. James Huang

Reading or Special Topics courses by individual arrangement with a faculty member. These courses examine material and skills not covered in regular course offerings, normally tailored to graduate students' individual curricular needs. These courses may involve hands-on work with special collections, as well as laboratory and/or experimental work with the department's relevant facilities, including the Meaning & Modality Lab, the Phonetics Lab, and Fieldwork Lab as appropriate.

FAS Divisional Distribution: None

LING 301 (011)

Course ID: 124075

Reading or Special Topics Course

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Reading or Special Topics courses by individual arrangement with a faculty member. These courses examine material and skills not covered in regular course offerings, normally tailored to graduate students' individual curricular needs. These courses may involve hands-on work with special collections, as well as laboratory and/or experimental work with the department's relevant facilities, including the Meaning & Modality Lab, the Phonetics Lab, and Fieldwork Lab as appropriate.

FAS Divisional Distribution: None

LING 302R

Course ID: 208332

Independent Research

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Tanya Bondarenko

LING 302R (002)

Course ID: 208332

Independent Research

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Gennaro Chierchia

LING 302R (003)

Course ID: 208332

Independent Research

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Jay Jasanoff

LING 302R (004)

Course ID: 208332

Independent Research

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

LING 302R (005)

Course ID: 208332

Independent Research

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Jeremy Rau

LING 302R (006)

Course ID: 208332

Independent Research

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Kevin Ryan

LING 302R (007) Independent Research <i>No meeting time listed</i> <i>Kathryn Davidson</i>	Course ID: 208332 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
LING 302R (008) Independent Research <i>No meeting time listed</i> <i>Jonathan Bobaljik</i>	Course ID: 208332 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
LING 302R (009) Independent Research <i>No meeting time listed</i> <i>Kathryn Franich</i>	Course ID: 208332 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
LING 302R (01) Independent Research <i>No meeting time listed</i> <i>Kathryn Davidson</i>	Course ID: 208332 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
LING 302R (010) Independent Research <i>No meeting time listed</i> <i>Jesse Snedeker</i>	Course ID: 208332 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
LING 302T Time Teaching <i>No meeting time listed</i> <i>Jeremy Rau</i>	Course ID: 208331 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
LING 302T (01) Time Teaching <i>No meeting time listed</i> <i>Jeremy Rau</i>	Course ID: 208331 2026 Spring (4 Credits) <i>Instructor Permission Required</i>

Mathematics

Mathematics

MATH LS (LEC) Mathematics of Biological Systems: a Calculus-Based Approach <i>No meeting time listed</i> <i>Janet Chen</i>	Course ID: 224377 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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In this course, we will use mathematical modeling to understand the behavior of biological systems. We will focus on creating and understanding models using concepts from calculus, as well as using computational tools to explore the implications of such models. Although we will study ideas from calculus, this course has a much more applied focus than Math Mb. Students who intend to take Math 1b or Math 21a should take Math Mb. Pre-requisite: Math Ma

Course Note: Math LS is taught in small sections throughout the day (9 am and 12 pm). To register, please enroll

in the course on my.harvard by November 12th. Once enrolled, you must share your time preferences with us by filling out this form (<https://bit.ly/4dyaHmj>).

Pre-requisite: Math Ma

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH MA (LEC)

Course ID: 111161

Introduction to Functions and Calculus I

2025 Fall (4 Credits)

No meeting time listed

Kate Penner

This is the first half of a full-year course that studies functions and their rates of change. Fundamental ideas of calculus are introduced early and used to provide a framework for the study of mathematical modeling involving algebraic, exponential, and logarithmic functions. In this semester, we will emphasize conceptual mastery of and computational fluency with the critical ideas of differential calculus. There will be required workshops Tuesdays. This course is appropriate for students with and without calculus experience. Techniques from high school algebra are used right away and students who have taken a break from mathematics can expect to spend extra time reviewing them.

Course Note: Math Ma is taught in small sections throughout the day on a Monday/Wednesday/Friday schedule (9:00-10:15 am, 10:30-11:45 am, 12-1:15 pm, 1:30-2:45 pm, and 3:00-4:15 pm with sufficient enrollment). Completing your registration for Math Ma is a two-step process: first, you'll enroll in the course within my.harvard, and then, you'll fill out the Math Sectioning form in your my.harvard To-Do list to submit your time preferences. Please submit time preferences before 5pm on Tuesday, September 2. Note this To-Do list may take up to 15 minutes to appear after enrolling. If your time preferences change, you may submit the form again; only your latest submission will be used.

At a later date, you'll be asked to sign up for your Tuesday workshop.

In order to receive your section assignment, you are required to take the Math MA skills check in-person on September 2. Please see the course's Canvas site for more information.

This course, when taken together with Mathematics Mb, can be followed by Mathematics 1b. Mathematics Ma and Mb together cover all the material in Mathematics 1a (and more).

The QUIZ component of this course represents the designated time slot for your mid-term exams. While these exams do not occur weekly, it's important that this period remains on your schedule. If you encounter an academic conflict, you have the option to enroll in the TBA section. Students enrolled in the TBA section will be required to take all exams out of sequence.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH MA5 (LEC)

Course ID: 224755

An In-depth Introduction to Functions and Calculus I

2025 Fall (4 Credits)

MWF -

Justin Hancock, Kate Penner

This is a version of Math Ma that meets 5 days a week. It is the first half of a full-year course that studies functions and their rates of change. Fundamental ideas of calculus are introduced early and used to provide a framework for the study of mathematical modeling involving algebraic, exponential, and logarithmic functions. In this semester, we will emphasize conceptual mastery of and computational fluency with the critical ideas of differential calculus. There will be required workshops twice weekly on Tuesdays and Thursdays, which focus on additional practice and core skills important for the course's content. This course is appropriate for students with and without calculus experience. Techniques from high school algebra are used right away and students who have taken a break from mathematics can expect to spend extra time reviewing them.

Course Note: Note: This course is taught in small sections that run at different times throughout the day on a Monday/Wednesday/Friday schedule (MWF) with a twice weekly workshop on Tuesdays and Thursdays. Math Ma5 students will attend a Math Ma section MWF.

Math Ma is taught in small sections throughout the day on a Monday/Wednesday/Friday schedule (9:00-10:15 am, 10:30-11:45 am, 12-1:15 pm, 1:30-2:45 pm, and 3:00-4:15 pm with sufficient enrollment).

Completing your registration for Math Ma5 is a two-step process: first, you'll enroll in the course within my.harvard, and then, you'll fill out the Math Sectioning form in your my.harvard To-Do list to submit your time preferences. Please submit time preferences before 5pm on Tuesday, September 2. Note this To-Do list may take up to 15 minutes to appear after enrolling. If your time preferences change, you may submit the form again; only your latest submission will be used. At a later date, you'll be asked to sign up for your Tuesday/Thursday workshop.

NEW for 2025-2026: All students planning on enrolling in any mathematics course (Math Ma through Math 21b) for the 2025-2026 academic year are required to sit a skills check on Tuesday, September 2, in order to offer accurate course selection information beyond the June placement exam recommendation. Please see the course website for more information and logistics.

After Math Ma5, students may take Math Mb (just like Math Ma students). Math Ma5 and Math Mb, can then be followed by Mathematics 1b. Mathematics Ma5 and Mb together cover all the material in Mathematics 1a (and more).

The QUIZ component of this course represents the designated time slot for your mid-term exams. While these exams do not occur weekly, it's important that this period remains on your schedule. If you encounter an academic conflict, you have the option to enroll in the TBA section. Students enrolled in the TBA section will be required to take all exams out of sequence.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH MB (LEC)

Course ID: 113464

Introduction to Functions and Calculus II

2026 Spring (4 Credits)

No meeting time listed

Justin Hancock

Continued investigation of functions and differential calculus through modeling; an introduction to integration with applications; an introduction to differential equations. Solid preparation for Mathematics 1b. There will be required workshops Tuesdays.

Course Note: Math Mb is taught in small sections throughout the day (9:00 am, 10:30 am, noon, 1:30 pm, and 3:00 pm). To register, please enroll in the course on my.harvard by November 12th. Once enrolled, you must share your time preferences with us by filling out this form (<https://bit.ly/4dyaHmj>).

This course, when taken together with Mathematics Ma, can be followed by Mathematics 1b. Mathematics Ma and Mathematics Mb together cover all the material in Mathematics 1a (and more).

Requires: Prerequisite: Mathematics MA or Mathematics MA5

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH Q (LEC)

Course ID: 218229

Quantitative Analysis for Economics and the Social Sciences I

2026 Spring (4 Credits)

No meeting time listed

Brendan Kelly

Instructor Permission Required

This course develops a portable toolkit of quantitative skills that supports students' strategic thinking. At the center of the course is a set of case studies that require comprehensive quantitative analysis to properly diagnose and address the broad range of problems presented. After taking this course, students' strategic thinking will be bolstered by the ability to develop mathematical models, apply core ideas from differential and integral calculus and statistics to solve problems in economics and social science, and make use of spreadsheets and the R statistical package to carry out data analysis. Each analytical tool comes to life in an authentic application. The course focuses not just on how to carry out the analysis, but how to communicate results to a non-mathematical audience in simple functional language. This course should be seen as an applied alternative for Math Ma/Math Mb or Math 1a for students interested in Economics and the Social Sciences. Students completing Math Ma and Math Q will satisfy the Math 1a requirement for the Economics Concentration. Students who want to take Math 1b should instead enroll in Math Mb.

Course Note: Math Q is taught in small sections throughout the day (9:00 am, noon, and 1:30 pm). To register, please enroll in the course on my.harvard by November 12th. Once enrolled, you must share your time preferences with us by filling out this form (<https://bit.ly/4dyaHmj>).

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 1A

Course ID: 123680

Introduction to Calculus

2026 Spring (4 Credits)

MWF 0900 AM - 1015 AM

Hannah Constantin

The development of calculus by Newton and Leibniz ranks among the greatest achievements of the past millennium. This course will help you see why by introducing: how differential calculus treats rates of change;

how integral calculus treats accumulation; and how the fundamental theorem of calculus links the two. These ideas will be applied to problems from many other disciplines.

Course Note: Math 1A is taught in small sections throughout the day (9:00-10:15 am, 10:30-11:45 am, 12-1:15 pm, 1:30-2:45 pm, and 3:00-4:15 pm with sufficient enrollment). Registering for Math 1A is a two-step process. Once enrolled, you must submit your time preferences before 5 pm on September 2 by filling out the Math Sectioning form in your To-Do list on my.harvard (this may take up to 15 minutes to appear after you enroll). If your time preferences change, you may submit the form again; only your latest submission will be used.

In order to receive your section assignment, you are required to take the Math 1A skills check in-person on September 2. Please see the course's Canvas site for more information.

A solid background in precalculus.

Requires: Anti-requisite: cannot be taken for credit if MATH S-1AB already complete

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 1A (LEC)

Course ID: 123680

Introduction to Calculus

2025 Fall (4 Credits)

No meeting time listed

Hannah Constantin

The development of calculus by Newton and Leibniz ranks among the greatest achievements of the past millennium. This course will help you see why by introducing: how differential calculus treats rates of change; how integral calculus treats accumulation; and how the fundamental theorem of calculus links the two. These ideas will be applied to problems from many other disciplines.

Course Note: Math 1A is taught in small sections throughout the day (9:00-10:15 am, 10:30-11:45 am, 12-1:15 pm, 1:30-2:45 pm, and 3:00-4:15 pm with sufficient enrollment). Registering for Math 1A is a two-step process. Once enrolled, you must submit your time preferences before 5 pm on September 2 by filling out the Math Sectioning form in your To-Do list on my.harvard (this may take up to 15 minutes to appear after you enroll). If your time preferences change, you may submit the form again; only your latest submission will be used.

In order to receive your section assignment, you are required to take the Math 1A skills check in-person on September 2. Please see the course's Canvas site for more information.

The QUIZ component of this course represents the designated time slot for your mid-term exams. While these exams do not occur weekly, it's important that this period remains on your schedule. If you encounter an academic conflict, you have the option to enroll in the TBA section. Students enrolled in the TBA section will be required to take all exams out of sequence.

A solid background in precalculus.

Requires: Anti-requisite: cannot be taken for credit if MATH S-1AB already complete

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 1B (LEC)

Course ID: 111010

Integration, Series and Differential Equations

2025 Fall (4 Credits)

No meeting time listed

Erica Dinkins

Speaking the language of modern mathematics requires fluency with the topics of this course: infinite series, integration, and differential equations. Model practical situations using integrals and differential equations. Learn how to represent interesting functions using series and find qualitative, numerical, and analytic ways of studying differential equations. Develop both conceptual understanding and the ability to apply it.

Course Note: Math 1B is taught in small sections throughout the day (9:00-10:15 am, 10:30-11:45 am, 12-1:15 pm, 1:30-2:45 pm, and 3:00-4:15 pm with sufficient enrollment). Registering for Math 1B is a two-step process. Once enrolled, you must submit your time preferences before 5 pm on September 2 by filling out the Math Sectioning form in your To-Do list on my.harvard (this may take up to 15 minutes to appear after you enroll). If your time preferences change, you may submit the form again; only your latest submission will be used.

In order to receive your section assignment, you are required to take the Math 1B skills check in-person on September 2. Please see the course's Canvas site for more information.

The QUIZ component of this course represents the designated time slot for your mid-term exams. While these exams do not occur weekly, it's important that this period remains on your schedule. If you encounter an academic conflict, you have the option to enroll in the TBA section. Students enrolled in the TBA section will be required to take all exams out of sequence.

Mathematics 1a or Ma and Mb; or 5 on the AB advanced placement test; or an equivalent background in mathematics.

Requires: Anti-requisite: cannot be taken for credit if MATH S-1AB already complete
FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 1B (LEC)

Course ID: 111010
2026 Spring (4 Credits)

Integration, Series and Differential Equations

No meeting time listed
Charlotte Trainor

Speaking the language of modern mathematics requires fluency with the topics of this course: infinite series, integration, and differential equations. Model practical situations using integrals and differential equations. Learn how to represent interesting functions using series and find qualitative, numerical, and analytic ways of studying differential equations. Develop both conceptual understanding and the ability to apply it.

Course Note: Math 1B is taught in small sections throughout the day (9:00-10:15 am, 10:30-11:45 am, 12-1:15 pm, 1:30-2:45 pm, and 3:00-4:15 pm with sufficient enrollment). Registering for Math 1B is a two-step process. Once enrolled, you must submit your time preferences before 5 pm on September 2 by filling out the Math Sectioning form in your To-Do list on my.harvard (this may take up to 15 minutes to appear after you enroll). If your time preferences change, you may submit the form again; only your latest submission will be used.

In order to receive your section assignment, you are required to take the Math 1B skills check in-person on September 2. Please see the course's Canvas site for more information.

Mathematics 1a or Ma and Mb; or 5 on the AB advanced placement test; or an equivalent background in mathematics.

Requires: Anti-requisite: cannot be taken for credit if MATH S-1AB already complete
FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 18A

Course ID: 125396
2025 Fall (4 Credits)

Multivariable Calculus for Social Sciences

MWF 0900 AM - 1015 AM
Roderic Guigo Corominas

Focuses on concepts and techniques of multivariable calculus most useful to those studying the social sciences, particularly economics. Topics include functions of several variables, partial derivatives, linear approximation, multiple integrals, gradient, differential equations, mathematical modeling, constrained and unconstrained optimization, including the method of Lagrange multipliers. Covers topics from Mathematics 21a most useful to social science, adding a modeling component to it.

Course Note: Mathematics 21b can be taken before or after Mathematics 18. Examples draw primarily from economics and the social sciences, though Mathematics 18 may be useful to students in certain natural sciences. Students whose main interests lie in the physical sciences, mathematics, or engineering should consider Math 21a or Applied Math 22a.

The QUIZ component of this course represents the designated time slot for your mid-term exams. While these exams do not occur weekly, it's important that this period remains on your schedule. If you encounter an academic conflict, you have the option to enroll in the TBA section. Students enrolled in the TBA section will be required to take all exams out of sequence.

Mathematics 1b or equivalent, or a 5 on the BC Advanced Placement Examination in Mathematics.

Requires: Anti-Requisite: Not to be taken in addition to Mathematics 21a or Applied Mathematics 22a
FAS Divisional Distribution: Science & Engineering & Applied Science

Quantitative Reasoning with Data: Yes

MATH 19A

Course ID: 110596
2025 Fall (4 Credits)

Modeling and Differential Equations for the Life Sciences

MWF 1030 AM - 1145 AM
John Cain

Considers the construction and analysis of mathematical models that arise in the life sciences, ecology and environmental life science. Introduces mathematics that include multivariable calculus, differential equations in one or more variables, vectors, matrices, and linear and non-linear dynamical systems. Taught via examples from current literature (both good and bad).

Course Note: This course is recommended over Math 21a for those planning to concentrate in the life sciences and ESPP. Can be taken with or without Mathematics 21a,b. Students with interests in the social sciences and economics might consider Mathematics 18. This course can be taken before or after Mathematics 18.

A course in one variable calculus preferably at the level of Mathematics 1b.

FAS Divisional Distribution: Science & Engineering & Applied Science

Quantitative Reasoning with Data: Yes

MATH 21A (LEC)

Course ID: 119196
2025 Fall (4 Credits)

Multivariable Calculus

No meeting time listed

Amadeus Martin

To see how calculus applies in practical situations described by more than one variable, we study integration over curves, surfaces, and solid regions using different coordinate systems; parameterization of curves and surfaces; vectors, lines, and planes; partial derivatives and the gradient; constrained and unconstrained optimization; divergence and curl of vector fields; and the Green's, Stokes's, and Divergence Theorems. There will be required workshops Tuesdays.

Course Note: Math 21A is taught in small sections throughout the day (9:00-10:15 am, 10:30-11:45 am, 12-1:15 pm, 1:30-2:45 pm, and 3:00-4:15 pm with sufficient enrollment). Registering for Math 21A is a two-step process. Once enrolled, you must submit your time preferences before 5 pm on September 2 by filling out the Math Sectioning form in your To-Do list on my.harvard (this may take up to 15 minutes to appear after you enroll). If your time preferences change, you may submit the form again; only your latest submission will be used.

In order to receive your section assignment, you are required to take the Math 21A skills check in-person on September 2. Please see the course's Canvas site for more information.

The QUIZ component of this course represents the designated time slot for your mid-term exams. While these exams do not occur weekly, it's important that this period remains on your schedule. If you encounter an academic conflict, you have the option to enroll in the TBA section. Students enrolled in the TBA section will be required to take all exams out of sequence.

Mathematics 1b or an equivalent background in mathematics.

Requires: Anti-requisite: Not to be taken in addition to AM 22b

FAS Divisional Distribution: Science & Engineering & Applied Science

Quantitative Reasoning with Data: Yes

MATH 21A (LEC)

Course ID: 119196
2026 Spring (4 Credits)

Multivariable Calculus

No meeting time listed

Eva Politou

To see how calculus applies in practical situations described by more than one variable, we study integration over curves, surfaces, and solid regions using different coordinate systems; parameterization of curves and surfaces; vectors, lines, and planes; partial derivatives and the gradient; constrained and unconstrained optimization; divergence and curl of vector fields; and the Green's, Stokes's, and Divergence Theorems. There will be required workshops Tuesdays.

Course Note: Math 21A is taught in small sections throughout the day (9:00-10:15 am, 10:30-11:45 am, 12-1:15 pm, 1:30-2:45 pm, and 3:00-4:15 pm with sufficient enrollment). Registering for Math 21A is a two-step process. Once enrolled, you must submit your time preferences before 5 pm on September 2 by filling out the Math Sectioning form in your To-Do list on my.harvard (this may take up to 15 minutes to appear after you enroll). If your time preferences change, you may submit the form again; only your latest submission will be used.

In order to receive your section assignment, you are required to take the Math 21A skills check in-person on September 2. Please see the course's Canvas site for more information.

Mathematics 1b or an equivalent background in mathematics.

Requires: Anti-requisite: Not to be taken in addition to AM 22b

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 21B (LEC)

Course ID: 110989
2025 Fall (4 Credits)

Linear Algebra and Differential Equations

No meeting time listed

Cliff Taubes

Matrices provide the algebraic structure for solving myriad problems across the sciences. We study matrices and related topics such as linear transformations and linear spaces, determinants, eigenvalues, and eigenvectors. Applications include dynamical systems, ordinary and partial differential equations, and an introduction to Fourier series.

Course Note: Math 21B is taught in small sections throughout the day (9:00-10:15 am, 10:30-11:45 am, 12-1:15 pm, 1:30-2:45 pm, and 3:00-4:15 pm with sufficient enrollment). Registering for Math 21B is a two-step process. Once enrolled, you must submit your time preferences before 5 pm on September 2 by filling out the Math Sectioning form in your To-Do list on my.harvard (this may take up to 15 minutes to appear after you enroll). If your time preferences change, you may submit the form again; only your latest submission will be used.

In order to receive your section assignment, you are required to take the Math 21B skills check in-person on September 2. Please see the course's Canvas site for more information.

The QUIZ component of this course represents the designated time slot for your mid-term exams. While these exams do not occur weekly, it's important that this period remains on your schedule. If you encounter an academic conflict, you have the option to enroll in the TBA section. Students enrolled in the TBA section will be required to take all exams out of sequence.

Mathematics 1b or an equivalent background in mathematics. Mathematics 21a is commonly taken before Mathematics 21b, but is not a prerequisite, although familiarity with partial derivatives is useful.

Requires: Anti-requisite: Not to be taken in addition to AM 22a

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 21B (LEC)

Linear Algebra and Differential Equations

Course ID: 110989
2026 Spring (4 Credits)

No meeting time listed

Roderic Guigo Corominas

Matrices provide the algebraic structure for solving myriad problems across the sciences. We study matrices and related topics such as linear transformations and linear spaces, determinants, eigenvalues, and eigenvectors. Applications include dynamical systems, ordinary and partial differential equations, and an introduction to Fourier series.

Course Note: Math 21B is taught in small sections throughout the day (9:00-10:15 am, 10:30-11:45 am, 12-1:15 pm, 1:30-2:45 pm, and 3:00-4:15 pm with sufficient enrollment). Registering for Math 21B is a two-step process. Once enrolled, you must submit your time preferences before 5 pm on September 2 by filling out the Math Sectioning form in your To-Do list on my.harvard (this may take up to 15 minutes to appear after you enroll). If your time preferences change, you may submit the form again; only your latest submission will be used.

In order to receive your section assignment, you are required to take the Math 21B skills check in-person on September 2. Please see the course's Canvas site for more information.

Mathematics 1b or an equivalent background in mathematics. Mathematics 21a is commonly taken before Mathematics 21b, but is not a prerequisite, although familiarity with partial derivatives is useful.

Requires: Anti-requisite: Not to be taken in addition to AM 22a

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 22A

Vector Calculus and Linear Algebra I

Course ID: 207485
2025 Fall (4 Credits)

MWF 1200 PM - 0115 PM

Philip Wood

Mathematics 22 covers multivariable calculus and linear algebra for students interested in mathematical sciences. It covers the same topics as Mathematics 21, but does so with more rigor. Students are taught techniques of proof and mathematical reasoning. The workload and content is comparable with the Mathematics 21 sequence. But unlike the latter, the linear algebra and calculus are more interlinked. The content of Math 22a is mostly aligned with Math 21b (linear algebra), and the content of Math 22b is mostly aligned with Math 21a (multivariable calculus).

Requires: Anti-Req: Cannot be taken for credit if enrolled in or has completed APMTH 22A.

FAS Divisional Distribution: Science & Engineering & Applied Science

Quantitative Reasoning with Data: Yes

MATH 22B
Vector Calculus and Linear Algebra II

Course ID: 207486
2026 Spring (4 Credits)

MWF 1200 PM - 0115 PM

Philip Wood

A continuation of Mathematics 22a

Requires: Pre-Requisite: Students must complete Math 22A prior to enrolling in this course.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 25A
Theoretical Linear Algebra and Real Analysis I

Course ID: 110808
2025 Fall (4 Credits)

MWF 1030 AM - 1145 AM

Thibault Decoppet

A rigorous treatment of linear algebra. Topics include: Construction of number systems; fields, vector spaces and linear transformations; eigenvalues and eigenvectors, determinants and inner products. Metric spaces, compactness and connectedness.

Course Note: Expect to spend a lot of time doing mathematics.

5 on the Calculus BC Advanced Placement Examination and some familiarity with writing proofs, or the equivalent as determined by the instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 25B
Theoretical Linear Algebra and Real Analysis II

Course ID: 110855
2026 Spring (4 Credits)

MWF 1030 AM - 1145 AM

Sarah Koch

A rigorous treatment of basic analysis. Topics include: convergence, continuity, differentiation, the Riemann integral, uniform convergence, the Stone-Weierstrass theorem, Fourier series, differentiation in several variables. Additional topics, including the classical results of vector calculus in two and three dimensions, as time allows.

Course Note: Expect to spend a lot time doing mathematics.

Requires: Prerequisite: Mathematics 25A OR Mathematics 55A

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 55A
Studies in Algebra and Group Theory

Course ID: 113627
2025 Fall (4 Credits)

MWF 0900 AM - 1015 AM

Denis Auroux

Instructor Permission Required

A rigorous introduction to abstract algebra, including group theory and linear algebra. This course covers the equivalent of Mathematics 25a and Mathematics 122, and prepares students for Mathematics 123 and other advanced courses in number theory and algebra. (A course in analysis such as Mathematics 25b or 55b is recommended for Spring semester.)

Course Note: Mathematics 55a is an intensive course for students who are comfortable with abstract mathematics. (Students without this background will gain it and learn the material from Math 55a,b in other courses by continuing into the Mathematics Concentration as sophomores.) Students can switch between Mathematics 55a and either Mathematics 25a, 23a, 22a, 21a during the first three weeks without penalty.

Familiarity with proofs and abstract reasoning; and commitment to a fast moving course.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 55B
Studies in Real and Complex analysis

Course ID: 112871
2026 Spring (4 Credits)

MWF 0900 AM - 1015 AM

Instructor Permission Required

Denis Auroux

A rigorous introduction to real and complex analysis. This course covers the equivalent of Mathematics 25b and Mathematics 113, and prepares students for Mathematics 114 and other advanced courses in analysis.

Course Note: Mathematics 55b is an intensive course for students having significant experience with abstract mathematics.

Requires: Prerequisite: Mathematics 55A

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 60R

Reading Course for Senior Honors Candidates

Course ID: 216307
2025 Fall (4 Credits)

No meeting time listed

Cliff Taubes

Mathematics concentrators in their final two undergraduate semesters can take this course to work individually on their senior thesis.

Course Note: Limited to candidates in Mathematics who obtain the permission of both the faculty member under whom they want to work and the Director of Undergraduate Studies. May not count for concentration in Mathematics without special permission from the Director of Undergraduate Studies. Graded sat/ unsat only.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 60R

Reading Course for Senior Honors Candidates

Course ID: 216307
2026 Spring (4 Credits)

No meeting time listed

Cliff Taubes

Mathematics concentrators in their final two undergraduate semesters can take this course to work individually on their senior thesis.

Course Note: Limited to candidates in Mathematics who obtain the permission of both the faculty member under whom they want to work and the Director of Undergraduate Studies. May not count for concentration in Mathematics without special permission from the Director of Undergraduate Studies. Graded sat/ unsat only.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 91R

Supervised Reading and Research

Course ID: 111297
2025 Fall (4 Credits)

No meeting time listed

Cliff Taubes

Instructor Permission Required

Programs of directed study supervised by a person approved by the Department.

Course Note: May not ordinarily count for concentration in Mathematics.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 91R

Supervised Reading and Research

Course ID: 111297
2026 Spring (4 Credits)

No meeting time listed

Cliff Taubes

Instructor Permission Required

Programs of directed study supervised by a person approved by the Department.

Course Note: May not ordinarily count for concentration in Mathematics.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 99R

Course ID: 117647

Tutorial

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Cliff Taubes, Oliver Knill

Supervised small group tutorial. See the course website for the relevant semester's version of Math 99r to learn more about the tutorial and to see that semester's topic(s).

Course Note: May be repeated for course credit with permission from the Director of Undergraduate Studies. Only one tutorial may count for concentration credit.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 99R

Course ID: 117647

Tutorial

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Cliff Taubes, Oliver Knill

Supervised small group tutorial. See the course website for the relevant semester's version of Math 99r to learn more about the tutorial and to see that semester's topic(s).

Course Note: May be repeated for course credit with permission from the Director of Undergraduate Studies. Only one tutorial may count for concentration credit.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 101

Course ID: 122943

Sets, Groups, and Real Analysis

2025 Fall (4 Credits)

WF 1200 PM - 0115 PM

Janet Chen

This course is an introduction to abstract mathematical thought and proof techniques, via topics including set theory, group theory, and real analysis.

Course Note: Problem sessions (optional but highly encouraged) Mondays 12 - 1 pm.

Students who have already taken Mathematics 25a,b or 55a,b should not take this course for credit. Ordinarily, students who have already taken Mathematics 22a,b or 23a,b should not take this course for credit, but they may do so with the instructor's permission. This course is offered in the Fall and Spring terms.

Anti-Req: Not to be taken in addition to Mathematics 25a,b or 55a,b.

Problem sessions (optional but highly encouraged) Mondays 12 - 1 pm.

An interest in mathematical reasoning. Acquaintance with algebra, geometry and/or calculus is desirable.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 101

Course ID: 122943

Sets, Groups, and Real Analysis

2026 Spring (4 Credits)

TR 1030 AM - 1145 AM

Gage Martin

This course is an introduction to abstract mathematical thought and proof techniques, via topics including set theory, group theory, and real analysis.

Course Note: Problem sessions (optional but highly encouraged) Mondays 12 - 1 pm.

Students who have already taken Mathematics 25a,b or 55a,b should not take this course for credit. Ordinarily, students who have already taken Mathematics 22a,b or 23a,b should not take this course for credit, but they may do so with the instructor's permission. This course is offered in the Fall and Spring terms.

Anti-Req: Not to be taken in addition to Mathematics 25a,b or 55a,b.

An interest in mathematical reasoning. Acquaintance with algebra, geometry and/or calculus is desirable.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 112

Introductory Real Analysis

MW 0900 AM - 1015 AM

John Cain

An introduction to mathematical analysis and the theory behind calculus. An emphasis on learning to understand and construct proofs. Covers limits and continuity in metric spaces, uniform convergence and spaces of functions, the Riemann integral.

Mathematics 19a,b or 21a,b and either an ability to write proofs or concurrent enrollment in Mathematics 101; or an equivalent background in mathematics.

Requires: Anti-Req: Not to be taken in addition to Mathematics 23a,b or 25a,b or 55a,b.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 109817

2025 Fall (4 Credits)

MATH 112

Introductory Real Analysis

MW 0300 PM - 0415 PM

Max Weinreich

An introduction to mathematical analysis and the theory behind calculus. An emphasis on learning to understand and construct proofs. Covers limits and continuity in metric spaces, uniform convergence and spaces of functions, the Riemann integral.

Mathematics 19a,b or 21a,b and either an ability to write proofs or concurrent enrollment in Mathematics 101; or an equivalent background in mathematics.

Requires: Anti-Req: Not to be taken in addition to Mathematics 23a,b or 25a,b or 55a,b.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 109817

2026 Spring (4 Credits)

MATH 113

Complex Analysis

MW 1030 AM - 1145 AM

Hong-Tzer Yau

Analytic functions of one complex variable: power series expansions, contour integrals, Cauchy's theorem, Laurent series and the residue theorem. Some applications to real analysis, including the evaluation of indefinite integrals. An introduction to some special functions.

Not recommended for most students who took Mathematics 55a and/or Mathematics 55b. Talk to the Director of Undergraduate Studies in Mathematics if you took Mathematics 55a and/or 55b and wish to take this course.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 113608

2026 Spring (4 Credits)

MATH 114

Analysis of Function Spaces, Measure and Integration

MW 1030 AM - 1145 AM

Hong-Tzer Yau

Lebesgue measure and integration; general topology; introduction to L^p spaces, Banach and Hilbert spaces, and duality.

Mathematics 22a,b, 23a,b or 25a,b or 55a,b or 112; or an equivalent background in mathematics.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 123227

2025 Fall (4 Credits)

MATH 117

Probability and Random Processes with Economic Applications

Course ID: 127947

2026 Spring (4 Credits)

TR 0900 AM - 1015 AM

Kevin Yang

A self-contained treatment of the theory of probability and random processes with specific application to the theory of option pricing. Topics: axioms for probability, calculation of expectation by means of Lebesgue integration, conditional probability and conditional expectation, martingales, random walks and Wiener processes, and the Black-Scholes formula for option pricing. Students will work in small groups to investigate applications of the theory and to prove key results.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 118R

Dynamical Systems

TR 0130 PM - 0245 PM

Alex Kapiamba

Introduction to dynamical systems theory with a view toward applications. Topics include existence and uniqueness theorems for flows, qualitative study of equilibria and attractors, iterated maps, and bifurcation theory.

Mathematics 19a,b or 21a,b or Math 22a,b,or Math 23a,b or Math 25a,b or Math 55a,b; or an equivalent background in mathematics.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 121

Linear Algebra

MW 0900 AM - 1015 AM

John Cain

This is a second course in linear algebra, with an emphasis on understanding linear algebra at a more abstract level and learning to read and write proofs. Topics include real and complex vector spaces, linear transformations, and eigenvalues and eigenvectors.

Mathematics 19b or 21b or an equivalent background in mathematics.

Requires: Anti-req: Not to be taken in addition to Mathematics 22a, 23a or 25a or 55a.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 122

Algebra I: Theory of Groups and Vector Spaces

MW 1200 PM - 0115 PM

Vasily Krylov

The theory of groups and group actions, rings, ideals and factorization.

Not recommended for most students who took Mathematics 55a and/or Mathematics 55b. Talk to the Director of Undergraduate Studies in Mathematics if you took Mathematics 55a and/or Mathematics 55b and wish to take this course.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 122

Algebra I: Theory of Groups and Vector Spaces

MW 1200 PM - 0115 PM

Peter Kronheimer

The theory of groups and group actions, rings, ideals and factorization.

Not recommended for most students who took Mathematics 55a and/or Mathematics 55b. Talk to the Director of
HARVARD UNIVERSITY 1017 of 1792

Undergraduate Studies in Mathematics if you took Mathematics 55a and/or Mathematics 55b and wish to take this course.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 123

Algebra II: Theory of Rings and Fields

MF 1200 PM - 0115 PM

Mark Kisin

Rings and modules. Polynomial rings. Field extensions and the basic theorems of Galois theory. Structure theorems for modules.

Requires: Prerequisite: Mathematics 122 or Mathematics 55a

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 116503
2026 Spring (4 Credits)

MATH 124

Number Theory

TR 0900 AM - 1015 AM

Sameera Vemulapalli

Factorization and the primes; congruences; quadratic residues and reciprocity; continued fractions and approximations; Pell's equation; selected Diophantine equations; theory of integral quadratic forms. Also, selected applications to coding, introduction to elliptic curves and introduction to zeta functions if time permits.

Mathematics 22a or 23a or 25a or 101 or 122; or 55a which can be taken concurrently; or an equivalent experience and comfort level with abstract mathematics.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 111533
2025 Fall (4 Credits)

MATH 129

Number Fields

TR 0130 PM - 0245 PM

Ashvin Swaminathan

This course is an introduction to algebraic number theory. Topics will include unique factorization in rings of integers, finiteness of the class group and the Dirichlet unit theorem. There will also be applications of these results to solve Diophantine equations. We will also study p-adic fields, and if time permits, adeles.

Knowledge of the material in Mathematics 123.

Requires: Prerequisite: Mathematics 123

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 115734
2026 Spring (4 Credits)

MATH 130

Classical Geometry

MW 0130 PM - 0245 PM

Thibault Decoppet

Presents several classical geometries, these being the affine, projective, Euclidean, spherical and hyperbolic geometries. They are viewed from many different perspectives, some historical and some very topical. Emphasis on reading and writing proofs.

Mathematics 19a,b or 21a,b or 22a,b or 23a or 25a or 55a which may be taken concurrently; or an equivalent background in mathematics.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 123211
2026 Spring (4 Credits)

MATH 131

Topological Spaces and Fundamental Group

MW 0130 PM - 0245 PM

Michael Hopkins

First, an introduction to abstract topological spaces, their properties (compactness, connectedness, metrizability) and their corresponding continuous functions and mappings. Then, an introduction to algebraic topology including homotopy theory, fundamental groups and covering spaces.

Some acquaintance with metric space topology as taught in Mathematics 22a,b, 23a,b, 25a,b, 55a,b, 101, 102, or 112; and with groups as taught in Mathematics 101, 122 or 55a.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 132

Differential Topology

TR 0900 AM - 1015 AM

Sunghyuk Park

Differential manifolds, smooth maps and transversality. Winding numbers, vector fields, index and degree. Differential forms, Stokes' theorem, introduction to cohomology.

Mathematics 22a,b, 23a,b or 25a,b or 55a,b or 112; or an equivalent background in mathematics.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 136

Differential Geometry

TR 1200 PM - 0115 PM

Oliver Knill

The course is an introduction to Riemannian geometry with the focus (for the most part) being the Riemannian geometry of curves and surfaces in space where the fundamental notions can be visualized.

Mathematics 19a,b or 21a,b or 22a,b or 23a or 25a or 55a (may be taken concurrently); or an equivalent background in mathematics.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 137

Algebraic Geometry

TR 1030 AM - 1145 AM

Joseph D. Harris

Affine and projective spaces, plane curves, Bezout's theorem, singularities and genus of a plane curve, Riemann-Roch theorem.

Knowledge of the material in Mathematics 123.

Requires: Prerequisite: Mathematics 123

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 143

Mathematical Logic I: Logic-- Completeness

WF 1030 AM - 1145 AM

Peter Koellner

An introduction to first-order logic (the basis of mathematical reasoning) from a meta-mathematical point of view. Topics include: The axiomatic method, the principles of first-order logic, the meta-mathematical point of view, the central theorems (soundness and completeness), and the expressive limitations (Löwenheim-Skolem).

Instructor Permission Required

Course Note: An additional hour of lecture will be scheduled independently.

Familiarity with proof based mathematical reasoning at the level of Math 22a, 25a, 55a or Math 101

Requires: Anti-Requisite: Cannot be taken for credit if MATH 141A or PHIL 143 already complete or in progress.

MATH 144

Mathematical Logic II: Mathematics — Incompleteness

WF 1030 AM - 1145 AM

Peter Koellner

Course ID: 110598
2026 Spring (4 Credits)

Instructor Permission Required

An introduction to limitative results in mathematics from a meta-mathematical point of view. Topics include: Gödel's incompleteness theorems, Turing's analysis of computability, and the hierarchy of mathematical systems as ordered under interpretability.

Course Note: Familiarity with the material in either Math 143 or Math 141

Requires: Anti-requisite: Cannot be taken for credit if PHIL 144 already complete or in progress.

MATH 154

Probability Theory

MW 0900 AM - 1015 AM

Oliver Knill

Course ID: 113811
2026 Spring (4 Credits)

An introduction to probability theory. Discrete and continuous random variables; distribution and density functions for one and two random variables; conditional probability. Generating functions, weak and strong laws of large numbers, and the central limit theorem. Geometrical probability, random walks, and Markov processes.

A previous mathematics course at the level of Mathematics 19ab, 21ab, or a higher number. For students from 19ab or 21ab, previous or concurrent enrollment in Math 101 or 102 or 112 may be helpful. Freshmen who did well in Math 22a, 23a, 25a or 55a fall term are also welcome to take the course.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 155R

Combinatorics

TR 1200 PM - 0115 PM

Colin Defant

Course ID: 116196
2026 Spring (4 Credits)

An introduction to counting techniques and other methods in finite mathematics. Possible topics include: the inclusion-exclusion principle and Mobius inversion, graph theory, generating functions, Ramsey's theorem and its variants, probabilistic methods.

Prerequisites: familiarity with proofs. A previous mathematics course at the level of Mathematics 23ab, 25ab, 55ab, 101, 102, or 112 would be enough.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 157

Mathematics in the World

MW 1200 PM - 0115 PM

Nathan Chen

Course ID: 159763
2026 Spring (4 Credits)

Instructor Permission Required

An interactive introduction to problem solving with an emphasis on subjects with comprehensive applications. Each class will be focused around a group of questions with a common topic: logic, information, number theory, probability, and algorithms.

Course Note: Taught by members of the department

Mathematics 19b or 21b or 22a,b or 23a; or an equivalent background in mathematics. More importantly, students should have a broad mathematical curiosity and be eager to brainstorm during in-class problem solving sessions.

MATH 161

Introduction to Formal Verification of Mathematics

MW 0130 PM - 0245 PM

Philip Wood

How can a computer check if a mathematical proof is completely and truly correct? This course will be an introduction into the world of formal verification of mathematics, starting with basic examples of sets and natural numbers, and moving on to more advanced mathematics. We will work with Lean, an open-source programming language for formal verification that has been used to verify large portions of mathematics, including a few examples reaching all the way to the forefront of current mathematics research.

Course ID: 220544
2026 Spring (4 Credits)

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 212

Advanced Real Analysis

MW 0300 PM - 0415 PM

Cliff Taubes

Functional analysis and applications. Topics may include the spectral theory of self-adjoint operators, partial differential equations, Sobolev spaces, calculus of variations with applications to non-linear PDE. Harmonic analysis if time permits.

Mathematics 114 or similar courses plus some basic familiarity with complex analysis (holomorphic functions, contour integrals) at the level of Mathematics 113.

Requires: Prerequisite: Mathematics 114

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 116137
2026 Spring (4 Credits)

MATH 213A

Advanced Complex Analysis

TR 1200 PM - 0115 PM

Curtis McMullen

Fundamentals of complex analysis, and further topics such as conformal mapping, hyperbolic geometry, canonical products, elliptic functions and modular forms. Prerequisites: Basic complex analysis, topology of covering spaces, differential forms.

Basic complex analysis, topology of covering spaces, differential forms.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 110880
2025 Fall (4 Credits)

MATH 213BR

Riemann Surfaces

TR 1200 PM - 0115 PM

Curtis McMullen

Fundamentals of algebraic curves as complex manifolds of dimension one. Topics may include branched coverings, sheaves and cohomology, potential theory, uniformization and moduli.

Knowledge of the material in Mathematics 213a.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 111824
2026 Spring (4 Credits)

MATH 221

Commutative Algebra

MW 1200 PM - 0115 PM

Course ID: 123232
2025 Fall (4 Credits)

Mihnea Popa

Commutative Algebra lies at the foundations of Number Theory and Algebraic Geometry. It plays an important role in Algebraic Topology, Geometry and other fields. We will cover the main topics of Commutative Algebra and give a taste of its applications. Starting from generalities on rings, modules and ideals, localization and primary decomposition in Noetherian rings and modules, we then move to integral extensions, going-up and going-down, Noether normalization and Hilbert's Nullstellensatz, dimension theory. The final part of the class will cover graded rings, Hilbert polynomials and homological methods (if time permits, including regular local rings).

Math 122 and Math 123.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 222

Lie Groups and Lie Algebras

TR 1200 PM - 0115 PM

Houcine Ben Dali

Lie theory, including the classification of semi-simple Lie algebras and/or compact Lie groups and their representations.

Knowledge of the material in Mathematics 114, 123 and 132.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 123238
2026 Spring (4 Credits)

MATH 223AR

Algebraic Number Theory

MW 1030 AM - 1145 AM

Melanie Wood

A graduate introduction to algebraic number theory. Topics: the structure of ideal class groups, groups of units, a study of zeta functions and L-functions, local fields, Galois cohomology, local class field theory, and local duality.

Knowledge of the material in Mathematics 129.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 123239
2025 Fall (4 Credits)

MATH 223BR

Algebraic Number Theory

TR 1030 AM - 1145 AM

David Linus Hamann

Continuation of Mathematics 223ar. Topics: adeles, global class field theory, duality, cyclotomic fields. Other topics may include: Tate's thesis or Euler systems.

Knowledge of the material in Mathematics 223ar.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 123240
2026 Spring (4 Credits)

MATH 229

Introduction to Analytic Number Theory

TR 0130 PM - 0245 PM

Ashvin Swaminathan

Fundamental methods, results, and problems of analytic number theory. Riemann zeta function and the Prime Number Theorem; Dirichlet's theorem on primes in arithmetic progressions; asymptotics for arithmetic functions; sieve methods; analytic estimates of exponential sums and their applications.

Knowledge of the material in Mathematics 113 and 123.

Course ID: 123242
2025 Fall (4 Credits)

MATH 230A

Differential Geometry

TR 0300 PM - 0415 PM

Yum-Tong Siu

Basic properties and examples of smooth manifolds, Lie groups, and vector bundles; Riemannian geometry (metrics, geodesics, Levi-Civita connections, and Riemann curvature tensors); principal bundles and associated vector bundles with their connections and characteristic classes.

Knowledge of the material in Mathematics 132 and 136.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 113369

2025 Fall (4 Credits)

MATH 231A

Algebraic Topology

TR 1030 AM - 1145 AM

Joseph D. Harris

Covering spaces and fibrations. Simplicial and CW complexes, Homology and cohomology, universal coefficients and Künneth formulas. Hurewicz theorem. Manifolds and Poincaré duality.

Knowledge of the material in Mathematics 131 and 132.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 123243

2025 Fall (4 Credits)

MATH 231BR

Advanced Algebraic Topology

TR 0900 AM - 1015 AM

Thomas Brazelton

Continuation of Mathematics 231a. Topics will be chosen from: Cohomology products, homotopy theory, bundles, obstruction theory, characteristic classes, spectral sequences, Postnikov towers, and topological applications.

Knowledge of the material in Mathematics 231a.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 123433

2026 Spring (4 Credits)

MATH 232AR

Introduction to Algebraic Geometry I

MW 0130 PM - 0245 PM

Ming Hao Quek

This course is a general introduction to scheme theory and other foundational aspects of algebraic geometry. Occasionally this may be replaced by an introduction to the complex analytic side of algebraic geometry, via complex manifolds. See the course Canvas website for more about the semester's course focus.

Knowledge of the material in Mathematics 123 and 132 and 137.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 123441

2025 Fall (4 Credits)

MATH 232BR

Introduction to Algebraic Geometry II

MW 0900 AM - 1015 AM

Aaron Landesman

Course ID: 123444

2026 Spring (4 Credits)

This is a continuation of the material covered in the first semester, with a focus on coherent sheaves, cohomology, and their applications to the theory of curves and surfaces. Occasionally it may cover Hodge structures, Lefschetz theorems, or deformations. See the course Canvas website for more about the semester's course focus.

Knowledge of the material in Mathematics 232a.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 242

Mathematical Biology-Evolutionary Dynamics

TR 1200 PM - 0115 PM

Martin Nowak

This course introduces basic concepts of mathematical biology and evolutionary dynamics: reproduction, selection, mutation, genetic drift, quasi-species, finite and infinite population dynamics, game dynamics, evolution of cooperation, language, spatial models, evolutionary graph theory, infection dynamics, virus dynamics, somatic evolution of cancer.

Mathematics 19a,b or 21a,b or 22a,b or 23a,b or 25a,b or 55a,b; or an equivalent background in mathematics.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 243

Evolutionary Dynamics

TR 1200 PM - 0115 PM

Martin Nowak

Research seminar on evolutionary dynamics, spanning mathematical and computational models of evolution in biological and social systems. Students attend a weekly lecture and conduct an original research project.

Experience with mathematical biology at the level of Mathematics 153.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 251Z

Arithmetic statistics over function fields

MW 0900 AM - 1015 AM

Aaron Landesman

This course will survey recent developments in arithmetic statistics over function fields. Specifically, we will focus on three conjectures. The first is the Cohen-Lenstra heuristics about class groups of quadratic extensions. The second is Malle's conjecture pertaining to counting Galois extensions. The third is the Poonen-Rains heuristics about Selmer groups and ranks of elliptic curves. The general plan for the course will be to explain how these conjectures are related to various forms of homological stability for Hurwitz spaces and explain what is known about the homology of these Hurwitz spaces.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 252Z

Gauge theory and related tools

MW 1030 AM - 1145 AM

Peter Kronheimer

The course will be an introduction to some of the tools in low-dimensional topology, and some examples of how they are used.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 119502

2025 Fall (4 Credits)

Course ID: 119511

2026 Spring (4 Credits)

Course ID: 226276

2025 Fall (4 Credits)

Course ID: 226277

2025 Fall (4 Credits)

MATH 253Z

Course ID: 226279
2025 Fall (4 Credits)

Link homology and foams

MW 0130 PM - 0245 PM

William Ballinger

This course will describe categorifications of the Reshetikhin-Turaev invariant of links and their topological applications, both as originally developed by Khovanov and Rozansky via matrix factorizations and via the Roberts-Wagner foam evaluation. Particular goals will be to study the general theory of matrix factorizations in some detail and understand the connections between these two approaches. Once this background is established, we will discuss functoriality under cobordisms, and the many resulting obstructions to concordance.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 254Z

Course ID: 121093
2025 Fall (4 Credits)

Applications of Khovanov homology in low-dimensional topology

TR 0900 AM - 1015 AM

Gage Martin

This course aims to provide an introduction to Khovanov homology with a focus on a non-exhaustive survey of its applications in the world of topology. A topologist can hope to leave this course with a better idea of when a tool like Khovanov homology could be helpful/how they might use it. On the other side of the spectrum, a categorification expert can hope to leave this course with a better idea of what types of questions topologists might hope to use Khovanov-like invariants for as well as the current gaps between what a topologist might want and what the theories are capable of doing.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 255Z

Course ID: 226280
2025 Fall (4 Credits)

Markov Chains

TR 1030 AM - 1145 AM

Colin Defant

A Markov chain is a random process in which states change in a "memoryless" manner that only depends on the current state. Markov chains are ubiquitous objects in probability theory that permeate through both pure and applied mathematics. When one runs an irreducible Markov chain for a long time, the distribution of the states will converge to a stationary distribution. This course will develop tools for computing this stationary distribution and estimating how quickly the Markov chain converges to it.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 257Z

Course ID: 120085
2025 Fall (4 Credits)

Parabolic equations and their applications

TR 0300 PM - 0415 PM

Kevin Yang

This class will focus on the theory of parabolic PDEs, namely well-posedness, regularity, and long-time behavior. Tentative topics include linear PDEs with variable coefficients, some theory for nonlinear PDEs, and Li-Yau Harnack inequalities. Important applications to other areas, such as stochastic processes and geometry, will be discussed throughout the semester according to students' interests. Pre-requisites: Math 114 or Math 212, i.e. familiarity with Lebesgue integration, Banach spaces, Hilbert spaces, and Fourier analysis.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 258Z

Course ID: 113274
2026 Spring (4 Credits)

Face numbers of polytopes, spheres and beyond

WF 1030 AM - 1145 AM

We will review f-vector theory, from classical results to recent developments, focusing on face numbers of polytopes, simplicial spheres and other manifolds. Tools used combine Combinatorics (e.g. graph theory and shelling), Algebra (e.g. framework rigidity, Stanley-Reisner rings and anisotropy), Algebraic Geometry (e.g. toric varieties and hard Lefschetz), and PL-topology.

MATH 259A

Mapping class groups and 4-manifolds

MW 0130 PM - 0245 PM

Eun Bi Lee

This course will be an introduction to mapping class groups with an eye towards 4-manifold topology. The mapping class group of a manifold is the group of isotopy classes of its diffeomorphisms or homeomorphisms. We will first discuss the case of surfaces, for which the mapping class group is often studied via its action on related spaces (e.g. curve complex, Teichmüller space) and has applications to 4-manifold topology (e.g. surface bundles, Lefschetz fibrations). We will also discuss some of what is known about the (smooth, topological) mapping class groups of 4-manifolds. Some tentative topics include the Nielsen—Thurston classification theorem, surface bundles and Lefschetz fibrations, basic 4-manifold topology, finite group actions on 4-manifolds.

Course ID: 226289
2026 Spring (4 Credits)

MATH 260Z

Positive characteristic algebraic geometry

MW 0300 PM - 0415 PM

Iacopo Brivio

A discussion of topics in higher dimensional algebraic geometry over a field of characteristic $p > 0$, with an emphasis on pathological examples. Possible topics: F-split singularities and their relation to singularities of the Minimal Model Program, Witt liftability, the theorem of Deligne and Illusie, vanishing and extension theorems, subadditivity of Kodaira dimension, stable families.

Course ID: 226293
2026 Spring (4 Credits)

MATH 264Y

Cluster algebras

TR 1030 AM - 1145 AM

Lauren Williams

This course will survey one of the most exciting recent developments in algebraic combinatorics, namely, Fomin and Zelevinsky's theory of cluster algebras. Cluster algebras are a class of combinatorially defined commutative rings that provide a unifying structure for phenomena in a variety of algebraic and geometric contexts. Introduced in 2001, cluster algebras have already been shown to be related to a host of other fields of math, such as quiver representations, Teichmüller theory, Poisson geometry, and total positivity. Cluster structures in Grassmannians have in particular been linked to integrable systems and physics. In the first part of the course I will cover the basics of cluster algebras and total positivity. In the second part of the class I will discuss recent developments and applications of the theory (topics could include the positive Grassmannian, the amplituhedron, KP solitons, etc). I will assume that people have some familiarity with combinatorics. Familiarity with root systems would also be helpful. I will not assume prior knowledge of total positivity or cluster algebras.

Course ID: 226291
2026 Spring (4 Credits)

MATH 265Z

Techniques and Recent Results and Problems in Several Complex Variables

TR 0300 PM - 0415 PM

Yum-Tong Siu

Will present important techniques in several complex variables developed over the last few decades with motivations from, and applications to, related fields such as partial differential equations, differential geometry,

Course ID: 226292
2026 Spring (4 Credits)

algebraic geometry and arithmetic geometry. Some examples are: (i) Solvability and regularity problems of partial differential equations. (ii) Global non-deformability and strong/super rigidity problems. (iii) Effective theorems such as the Fujita conjecture, especially its very ampleness part. (iv) Skoda's division and finite generation of canonical ring for any general compact complex manifold. (v) Hyperbolicity problem and Nevanlinna theory for generic complex hyper-surface. (vi) Gelfond-Schneider's technique for Hilbert's 7th problem, Lang-Bombieri's theory of algebraic values of meromorphic maps, Bombieri-Pila's counting of integral points on arcs, Pila-Wilkie's o-minimal geometry, together with further later developments by many others, to treat the Andr e-Oort conjecture

MATH 266Z

Mathematics of BPS States

TR 0300 PM - 0415 PM

Ahsan Khan

Course ID: 226333
2026 Spring (4 Credits)

The concept of "BPS state" in quantum field theory is connected to a vast array of rich mathematics ranging from PDEs to category theory and homological algebra. In this course we will uncover this gradually and systematically by working through examples connected to field theories in two, three and four dimensions. Along the way we will aim to connect this notion to the mathematics of Fukaya-Seidel categories, Fueter 2-categories and cohomological Hall algebras.

MATH 282Z

Diophantine Geometry

MW 1030 AM - 1145 AM

Max Weinreich

Course ID: 226325
2026 Spring (4 Credits)

We will survey foundational methods in arithmetic geometry and Diophantine equations. Topics may include the arithmetic of elliptic curves, abelian varieties, heights, Diophantine approximation, Siegel's Theorem on integral points, Vojta's proof of Faltings' Theorem, and arithmetic dynamics.

MATH 299

Arithmetic and Exposition

M 0300 PM - 0545 PM

Melanie Wood

Course ID: 127718
2026 Spring (4 Credits)

Instructor Permission Required

We will study recent advances in number theory. One of the aims of the class is to help participants improve their expository skills by giving talks on recent number theory papers, or on their own work in this subject.

FAS Divisional Distribution: Science & Engineering & Applied Science

MATH 300

Teaching Undergraduate Mathematics

M 0300 PM - 0415 PM

Brendan Kelly, Janet Chen

Course ID: 124821
2025 Fall (4 Credits)

Instructor Permission Required

MATH 304

Graduate Reading in Algebraic Topology

No meeting time listed

Michael Hopkins

Course ID: 121078
2025 Fall (4 Credits)

Instructor Permission Required

MATH 304	Course ID: 121078
Graduate Reading in Algebraic Topology	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Michael Hopkins</i>	
MATH 305	Course ID: 207522
Graduate Reading in Symplectic Geometry	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Denis Auroux</i>	
MATH 305	Course ID: 207522
Graduate Reading in Symplectic Geometry	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Denis Auroux</i>	
MATH 307	Course ID: 216130
Graduate Reading in Dynamics	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Laura DeMarco</i>	
MATH 307	Course ID: 216130
Graduate Reading in Dynamics	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Laura DeMarco</i>	
MATH 309	Course ID: 216140
Graduate Reading in Algebraic Geometry	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Mihnea Popa</i>	
MATH 309	Course ID: 216140
Graduate Reading in Algebraic Geometry	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Mihnea Popa</i>	
MATH 310	Course ID: 111059
Grad reading in Complex Dynamics	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Alex Kapiamba</i>	
MATH 310	Course ID: 111059
Grad reading in Complex Dynamics	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Alex Kapiamba</i>	
MATH 311	Course ID: 115753
Graduate Reading in Stochastic Analysis	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Kevin Yang</i>	

MATH 311	Course ID: 115753
Graduate Reading in Stochastic Analysis	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Kevin Yang	
MATH 312	Course ID: 142322
Graduate reading in Arithmetic Statistics	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Sameera Vemulapalli	
MATH 312	Course ID: 142322
Graduate reading in Arithmetic Statistics	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Sameera Vemulapalli	
MATH 313	Course ID: 113911
Grad reading in Geometric Representation Theory	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Vasily Krylov	
MATH 313	Course ID: 113911
Grad reading in Geometric Representation Theory	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Vasily Krylov	
MATH 315	Course ID: 115754
Algebraic and Enumerative Combinatorics	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Houcine Ben Dali	
MATH 315	Course ID: 115754
Algebraic and Enumerative Combinatorics	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Houcine Ben Dali	
MATH 317	Course ID: 111732
Graduate Reading in Link Homology	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
William Ballinger	
MATH 317	Course ID: 111732
Graduate Reading in Link Homology	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
William Ballinger	
MATH 318	Course ID: 121353
Graduate Reading in Number Theory	2025 Fall (4 Credits)

No meeting time listed
Barry Mazur

Instructor Permission Required

MATH 318
Graduate Reading in Number Theory
No meeting time listed
Barry Mazur

Course ID: 121353
2026 Spring (4 Credits)
Instructor Permission Required

MATH 319
Graduate Reading in Algebraic Geometry
No meeting time listed
Ming Hao Quek

Course ID: 122239
2025 Fall (4 Credits)
Instructor Permission Required

MATH 319
Graduate Reading in Algebraic Geometry
No meeting time listed
Ming Hao Quek

Course ID: 122239
2026 Spring (4 Credits)
Instructor Permission Required

MATH 322
Graduate Reading in Arithmetic Geometry
No meeting time listed
David Linus Hamann

Course ID: 114659
2025 Fall (4 Credits)
Instructor Permission Required

MATH 322
Graduate Reading in Arithmetic Geometry
No meeting time listed
David Linus Hamann

Course ID: 114659
2026 Spring (4 Credits)
Instructor Permission Required

MATH 323
Graduate Reading in Nonlinear partial differential equations
No meeting time listed
Aaron Landesman

Course ID: 226294
2025 Fall (4 Credits)

MATH 323
Graduate Reading in Nonlinear partial differential equations
No meeting time listed
Aaron Landesman

Course ID: 226294
2026 Spring (4 Credits)

MATH 324
Graduate Reading in Low-dimensional topology
No meeting time listed
Gage Martin

Course ID: 117033
2025 Fall (4 Credits)
Instructor Permission Required

MATH 324
Graduate Reading in Low-dimensional topology
No meeting time listed
Gage Martin

Course ID: 117033
2026 Spring (4 Credits)
Instructor Permission Required

MATH 325	Course ID: 117345
Graduate Reading in Low-dimensional Topology	2026 Spring (4 Credits)
	<i>Instructor Permission Required</i>
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MATH 325	Course ID: 117345
Graduate Reading in Low-dimensional Topology	2025 Fall (4 Credits)
	<i>Instructor Permission Required</i>
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MATH 327	Course ID: 113647
Graduate Reading in Several Complex Variables	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Yum-Tong Siu	
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MATH 327	Course ID: 113647
Graduate Reading in Several Complex Variables	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Yum-Tong Siu	
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MATH 331	Course ID: 113763
Graduate Reading in Algebraic Geometry	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Nathan Chen	
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MATH 331	Course ID: 113763
Graduate Reading in Algebraic Geometry	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Nathan Chen	
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MATH 333	Course ID: 126825
Graduate Reading in Complex Analysis, Dynamics and Geometry	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Curtis McMullen	
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MATH 333	Course ID: 126825
Graduate Reading in Complex Analysis, Dynamics and Geometry	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Curtis McMullen	
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MATH 335	Course ID: 116319
Graduating Reading in Differential Geometry and Analysis	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Cliff Taubes	
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MATH 335	Course ID: 116319
Graduating Reading in Differential Geometry and Analysis	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Cliff Taubes	

MATH 344	Course ID: 117034
Graduate Reading in Algebraic Combinatorics	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Colin Defant	
MATH 344	Course ID: 117034
Graduate Reading in Algebraic Combinatorics	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Colin Defant	
MATH 345	Course ID: 113664
Graduate Reading in Geometry and Topology	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Peter Kronheimer	
MATH 345	Course ID: 113664
Graduate Reading in Geometry and Topology	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Peter Kronheimer	
MATH 346Y	Course ID: 121102
Graduate Reading in Analysis: Quantum Dynamics	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Hong-Tzer Yau	
MATH 346Y	Course ID: 121102
Graduate Reading in Analysis: Quantum Dynamics	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Hong-Tzer Yau	
MATH 352	Course ID: 125869
Graduate Reading in Algebraic Number Theory	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Mark Kisin	
MATH 352	Course ID: 125869
Graduate Reading in Algebraic Number Theory	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Mark Kisin	
MATH 360	Course ID: 207538
Graduate Reading in Topics in Algebraic Combinatorics	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Lauren Williams	
MATH 360	Course ID: 207538
Graduate Reading in Topics in Algebraic Combinatorics	2026 Spring (4 Credits)

No meeting time listed
Lauren Williams

Instructor Permission Required

MATH 366
Graduate Reading in Quantum Topology

Course ID: 126631
2025 Fall (4 Credits)

No meeting time listed
Sunghyuk Park

Instructor Permission Required

MATH 366
Graduate Reading in Quantum Topology

Course ID: 126631
2026 Spring (4 Credits)

No meeting time listed
Sunghyuk Park

Instructor Permission Required

MATH 372
Graduate Reading in Rational Points on Varieties

Course ID: 123349
2025 Fall (4 Credits)

No meeting time listed
Ashvin Swaminathan

Instructor Permission Required

MATH 372
Graduate Reading in Rational Points on Varieties

Course ID: 123349
2026 Spring (4 Credits)

No meeting time listed
Ashvin Swaminathan

Instructor Permission Required

MATH 379
Graduate Reading in Geometry and Physics

Course ID: 122240
2025 Fall (4 Credits)

No meeting time listed
Dan Freed

Instructor Permission Required

MATH 379
Graduate Reading in Geometry and Physics

Course ID: 122240
2026 Spring (4 Credits)

No meeting time listed
Dan Freed

Instructor Permission Required

MATH 382
Graduate Reading in Algebraic Geometry

Course ID: 111210
2025 Fall (4 Credits)

No meeting time listed
Joseph D. Harris

Instructor Permission Required

MATH 382
Graduate Reading in Algebraic Geometry

Course ID: 111210
2026 Spring (4 Credits)

No meeting time listed
Joseph D. Harris

Instructor Permission Required

MATH 385
Graduate Reading in Set Theory

Course ID: 110218
2025 Fall (4 Credits)

No meeting time listed
W. Hugh Woodin

Instructor Permission Required

MATH 385	Course ID: 110218
Graduate Reading in Set Theory	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>W. Hugh Woodin</i>	

MATH 389	Course ID: 119721
Graduate Reading in Number Theory	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Noam D. Elkies</i>	

MATH 389	Course ID: 119721
Graduate Reading in Number Theory	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Noam D. Elkies</i>	

MATH 393	Course ID: 223046
Graduate Reading in Mathematical Biology	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Martin Nowak</i>	

MATH 393	Course ID: 223046
Graduate Reading in Mathematical Biology	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Martin Nowak</i>	

MATH 397	Course ID: 216330
Graduate Reading in Number Theory	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Melanie Wood</i>	

MATH 397	Course ID: 216330
Graduate Reading in Number Theory	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Melanie Wood</i>	

MATH 399	Course ID: 214348
Graduate Writing and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Mark Kisin</i>	

MATH 399	Course ID: 214348
Graduate Writing and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Mark Kisin</i>	

Medical Sciences

Human Bio & Translational Med

Pathology of Human Disease

TR 0900 AM - 1100 AM

Maria Lehtinen

This course provides a comprehensive overview of human pathology with emphasis on mechanisms of disease and modern diagnostic technologies. Topics include (1) general mechanisms of disease (inflammation, infection, immune injury, host response to foreign materials, transplantation, genetic disorders and neoplasia), (2) pathology of major organ systems, and (3) review of diagnostic tools from invasive surgical pathology to non-invasive techniques such as diagnostic imaging and molecular pathology. The objectives of this course are achieved through a set of integrated lectures and laboratories, as well as a student-driven term project leading to a formal presentation on a medical, socioeconomic, or technological issue in human pathology.

*Course Note: Enrollment may be limited.**General biology.*

FAS Divisional Distribution: None

HBTM 235Course ID: 109394
2025 Fall (4 Credits)**Principles of Human Disease: Physiology and Pathology**

MWF 0900 AM - 1030 AM

Connie Cepko, Jonathan Carlson

This course covers the normal physiology and pathophysiology of selected organs, through lectures, readings, tutorials based on clinical cases, and patient presentations. Human biology is emphasized, with some examples also drawn from model organisms. Using a combination of lectures and case-based small group tutorials, the course will survey some key areas of human physiology: cardiovascular, pulmonary, renal, and gastrointestinal systems, as well as neurobiology, endocrinology, cancer and immunology. Molecular and cellular approaches to drug discovery and therapeutics will be presented where appropriate, with a particular emphasis on the current state-of-the-art in our scientific and clinical understanding.

*Course Note: Course enrollment is open to graduate students from any program as well as undergraduates.**Meeting Location: Lectures: NRB 350 Tutorials: Longwood campus - instructor to provide location**Knowledge of introductory biochemistry, molecular biology, and cell biology required (MCB52 and MCB54 or equivalent for undergraduates is recommended).*

FAS Divisional Distribution: None

HBTM 301QCCourse ID: 127520
2026 Spring (2 Credits)**Case Studies in Human Biology and Translational Medicine**

MTWRF 0900 AM - 1030 AM

*Instructor Permission Required**Thomas Michel, Marc Bonaca*

Two-week course that is required of and restricted to first-year LHB students. This course will review models of therapeutic development from epidemiologic observations through clinical development with a focus on lipid lowering therapies and diabetes. Students will be engaged in interactive workshops and will attend lectures led by leading clinical researchers.

Course Note: This is an intensive January term course. Restricted to Leder students only. Students will add this course to their cart and complete enrollment during the Spring Add/Drop period in January.

FAS Divisional Distribution: None

HBTM 302QCCourse ID: 107418
2025 Fall (2 Credits)**Imaging and Microscopy Methods in Biology and Medicine**

R 0300 PM - 0500 PM

*Instructor Permission Required**Lev Perelman*

This quarter course will introduce students to modern imaging modalities used in biology and medicine, with emphasis on modalities most frequently employed in cellular and molecular biology. The course will offer an overview of the basic principles of light and electron microscopy and explain their resolution limits and sources of contrast. We will discuss modality-specific functionally relevant fluorescence molecular probes which can be used for live cell imaging. The course will provide a detailed review and theory of operation of modern advanced light microscopy techniques such as confocal, line-scanning, light sheet, STED, light scattering, multi-photon and

superresolution microscopy. We will then discuss Raman and light scattering spectroscopy methods for monitoring induced pluripotent stem cell differentiation, genetic targeting in microscopy and CRISPR-based photoactivatable transcription systems and basic concepts of optogenetics. We will review specific optogenetic actuators and sensors, modern light delivery techniques and various applications from investigating brain functions to cardiac optogenetics. We will also offer an overview of medical imaging techniques, such as ultrasound, X-ray CT, MRI, PET/SPECT, and ultrasound imaging, along with emerging optical imaging and spectroscopy methods. Lectures will be supplemented by visual demonstrations of the microscopy systems and hands-on laboratory work and discussions of the operation principles of those systems.

FAS Divisional Distribution: None

HBTM 304	Course ID: 124267
Resolution of Lung Inflammation and Injury	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Bruce Levy</i>	

HBTM 304	Course ID: 124267
Resolution of Lung Inflammation and Injury	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Bruce Levy</i>	

HBTM 305	Course ID: 124268
Endothelial Cell, Nitric Oxide, Proteomic Redox Regulation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Joseph Loscalzo</i>	

HBTM 305	Course ID: 124268
Endothelial Cell, Nitric Oxide, Proteomic Redox Regulation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Joseph Loscalzo</i>	

HBTM 315	Course ID: 124279
Hypothalamic Gene Function and Regulation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Joseph Majzoub</i>	

HBTM 315	Course ID: 124279
Hypothalamic Gene Function and Regulation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Joseph Majzoub</i>	

HBTM 321	Course ID: 110151
Regenerative Biology	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Richard Lee</i>	

HBTM 321	Course ID: 110151
Regenerative Biology	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Richard Lee</i>	

HBTM 322 Cardiac Repair and Regeneration <i>No meeting time listed</i> <i>Ronglih Liao</i>	Course ID: 125284 2025 Fall (4 Credits)
HBTM 322 Cardiac Repair and Regeneration <i>No meeting time listed</i> <i>Ronglih Liao</i>	Course ID: 125284 2026 Spring (4 Credits)
HBTM 324 Principles/Practices of Developing Human Antibody Therapies <i>No meeting time listed</i> <i>Wayne Marasco</i>	Course ID: 125273 2025 Fall (4 Credits)
HBTM 324 Principles/Practices of Developing Human Antibody Therapies <i>No meeting time listed</i> <i>Wayne Marasco</i>	Course ID: 125273 2026 Spring (4 Credits)
HBTM 327 Translational Research on Kinase Inhibitors <i>No meeting time listed</i> <i>Pasi Janne</i>	Course ID: 125398 2025 Fall (4 Credits)
HBTM 327 Translational Research on Kinase Inhibitors <i>No meeting time listed</i> <i>Pasi Janne</i>	Course ID: 125398 2026 Spring (4 Credits)
HBTM 331 (0001) Tumor Microenvironment, Angiogenesis and Metastasis: from Bench-to-Bedside-to-Biomarkers <i>No meeting time listed</i> <i>Rakesh Jain</i>	Course ID: 125405 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
HBTM 331 (0001) Tumor Microenvironment, Angiogenesis and Metastasis: from Bench-to-Bedside-to-Biomarkers <i>No meeting time listed</i> <i>Rakesh Jain</i>	Course ID: 125405 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HBTM 334 Response and resistance to cancer therapies <i>No meeting time listed</i> <i>Peter Hammerman</i>	Course ID: 160773 2025 Fall (4 Credits)

HBTM 334 Response and resistance to cancer therapies <i>No meeting time listed</i> <i>Peter Hammerman</i>	Course ID: 160773 2026 Spring (4 Credits)
HBTM 336 Cellular and molecular basis of vascular integrity in adult retina and brain <i>No meeting time listed</i> <i>Joseph Arboleda-Velasquez</i>	Course ID: 160776 2025 Fall (4 Credits)
HBTM 336 Cellular and molecular basis of vascular integrity in adult retina and brain <i>No meeting time listed</i> <i>Joseph Arboleda-Velasquez</i>	Course ID: 160776 2026 Spring (4 Credits)
HBTM 340 (LHB). Disease-Centered Tutorial Clinics <i>No meeting time listed</i> <i>Jordan Kreidberg</i>	Course ID: 125582 2025 Fall (4 Credits)
HBTM 340 (LHB). Disease-Centered Tutorial Clinics <i>No meeting time listed</i> <i>Jordan Kreidberg</i>	Course ID: 125582 2026 Spring (4 Credits)
HBTM 341 Gene Regulation of Metabolism in Cardiovascular Health and Disease <i>No meeting time listed</i> <i>Zoltan Arany</i>	Course ID: 126373 2025 Fall (4 Credits)
HBTM 341 Gene Regulation of Metabolism in Cardiovascular Health and Disease <i>No meeting time listed</i> <i>Zoltan Arany</i>	Course ID: 126373 2026 Spring (4 Credits)
HBTM 342 Research in Hematology and Oncology <i>No meeting time listed</i> <i>Benjamin Ebert</i>	Course ID: 126374 2025 Fall (4 Credits)
HBTM 342 Research in Hematology and Oncology <i>No meeting time listed</i> <i>Benjamin Ebert</i>	Course ID: 126374 2026 Spring (4 Credits)
HBTM 343 Genetics of hypertension, arrhythmias and heart failure <i>No meeting time listed</i> <i>Christopher Newton-Cheh</i>	Course ID: 126375 2025 Fall (4 Credits)

<p>HBTM 343</p> <p>Genetics of hypertension, arrhythmias and heart failure</p> <p><i>No meeting time listed</i></p> <p><i>Christopher Newton-Cheh</i></p>	<p>Course ID: 126375</p> <p>2026 Spring (4 Credits)</p>
<p>HBTM 345</p> <p>Tuberous Sclerosis and LAM: Pathogenic Mechanisms</p> <p><i>No meeting time listed</i></p> <p><i>Elizabeth Henske</i></p>	<p>Course ID: 126949</p> <p>2025 Fall (4 Credits)</p>
<p>HBTM 345</p> <p>Tuberous Sclerosis and LAM: Pathogenic Mechanisms</p> <p><i>No meeting time listed</i></p> <p><i>Elizabeth Henske</i></p>	<p>Course ID: 126949</p> <p>2026 Spring (4 Credits)</p>
<p>HBTM 350</p> <p>Molecular basis of hematologic and solid cancers</p> <p><i>No meeting time listed</i></p> <p><i>Roberto Chiarle</i></p>	<p>Course ID: 109090</p> <p>2025 Fall (4 Credits)</p>
<p>HBTM 350</p> <p>Molecular basis of hematologic and solid cancers</p> <p><i>No meeting time listed</i></p> <p><i>Roberto Chiarle</i></p>	<p>Course ID: 109090</p> <p>2026 Spring (4 Credits)</p>
<p>HBTM 351</p> <p>Biology and Immunotherapy of Chronic Lymphocytic Leukemia</p> <p><i>No meeting time listed</i></p> <p><i>Cathy Wu</i></p>	<p>Course ID: 109091</p> <p>2025 Fall (4 Credits)</p>
<p>HBTM 351</p> <p>Biology and Immunotherapy of Chronic Lymphocytic Leukemia</p> <p><i>No meeting time listed</i></p> <p><i>Cathy Wu</i></p>	<p>Course ID: 109091</p> <p>2026 Spring (4 Credits)</p>
<p>HBTM 352</p> <p>Regulation of Vascular Development and Pathology</p> <p><i>No meeting time listed</i></p> <p><i>Patricia D'Amore</i></p>	<p>Course ID: 109122</p> <p>2025 Fall (4 Credits)</p>
<p>HBTM 352</p> <p>Regulation of Vascular Development and Pathology</p> <p><i>No meeting time listed</i></p> <p><i>Patricia D'Amore</i></p>	<p>Course ID: 109122</p> <p>2026 Spring (4 Credits)</p>
<p>HBTM 353</p> <p>Mechanobiology and Developmental Control</p>	<p>Course ID: 109123</p> <p>2025 Fall (4 Credits)</p>

No meeting time listed
Don Ingber

HBTM 353
Mechanobiology and Developmental Control
No meeting time listed
Don Ingber

Course ID: 109123
2026 Spring (4 Credits)

HBTM 355
Epigenetic Mechanisms in Mammalian Development
No meeting time listed
Bradley Bernstein

Course ID: 109125
2025 Fall (4 Credits)

HBTM 355
Epigenetic Mechanisms in Mammalian Development
No meeting time listed
Bradley Bernstein

Course ID: 109125
2026 Spring (4 Credits)

HBTM 356
Genetic Models of Leukemogenesis
No meeting time listed
A. Look

Course ID: 109139
2025 Fall (4 Credits)

HBTM 356
Genetic Models of Leukemogenesis
No meeting time listed
A. Look

Course ID: 109139
2026 Spring (4 Credits)

HBTM 358
Control of Cell Proliferation by RB/E2F
No meeting time listed
Nicholas Dyson

Course ID: 109126
2025 Fall (4 Credits)

HBTM 358
Control of Cell Proliferation by RB/E2F
No meeting time listed
Nicholas Dyson

Course ID: 109126
2026 Spring (4 Credits)

HBTM 359
Genetics of Neurodegenerative Disease
No meeting time listed
Mel Feany

Course ID: 109127
2025 Fall (4 Credits)

HBTM 359
Genetics of Neurodegenerative Disease
No meeting time listed
Mel Feany

Course ID: 109127
2026 Spring (4 Credits)

HBTM 360 Molecular characterization of circulating tumor cells <i>No meeting time listed</i> <i>Daniel Haber</i>	Course ID: 109128 2025 Fall (4 Credits)
HBTM 360 Molecular characterization of circulating tumor cells <i>No meeting time listed</i> <i>Daniel Haber</i>	Course ID: 109128 2026 Spring (4 Credits)
HBTM 361 Molecular Approaches to Cell Immortalization and Transformation <i>No meeting time listed</i> <i>William Hahn</i>	Course ID: 109129 2025 Fall (4 Credits)
HBTM 361 Molecular Approaches to Cell Immortalization and Transformation <i>No meeting time listed</i> <i>William Hahn</i>	Course ID: 109129 2026 Spring (4 Credits)
HBTM 363 Recombination Functions of the BRCA Genes <i>No meeting time listed</i> <i>Ralph Scully</i>	Course ID: 109131 2025 Fall (4 Credits)
HBTM 363 Recombination Functions of the BRCA Genes <i>No meeting time listed</i> <i>Ralph Scully</i>	Course ID: 109131 2026 Spring (4 Credits)
HBTM 365 Biology and Genetics of Human Cancers <i>No meeting time listed</i> <i>Matthew Meyerson</i>	Course ID: 109133 2025 Fall (4 Credits)
HBTM 365 Biology and Genetics of Human Cancers <i>No meeting time listed</i> <i>Matthew Meyerson</i>	Course ID: 109133 2026 Spring (4 Credits)
HBTM 366 Molecular Genetics of Erythroid Iron Metabolism <i>No meeting time listed</i> <i>Mark Fleming</i>	Course ID: 109134 2025 Fall (4 Credits)
HBTM 366 Molecular Genetics of Erythroid Iron Metabolism <i>No meeting time listed</i> <i>Mark Fleming</i>	Course ID: 109134 2026 Spring (4 Credits)

HBTM 367 Control of Endothelial Cell Fate and Vascular Development by Fluid Mechanical Forces <i>No meeting time listed</i> <i>Guillermo Garcia-Cardena</i>	Course ID: 109135 2025 Fall (4 Credits)
HBTM 367 Control of Endothelial Cell Fate and Vascular Development by Fluid Mechanical Forces <i>No meeting time listed</i> <i>Guillermo Garcia-Cardena</i>	Course ID: 109135 2026 Spring (4 Credits)
HBTM 370 Integration of Metabolism and Stress Pathways <i>No meeting time listed</i> <i>Nika Danial</i>	Course ID: 109137 2025 Fall (4 Credits)
HBTM 370 Integration of Metabolism and Stress Pathways <i>No meeting time listed</i> <i>Nika Danial</i>	Course ID: 109137 2026 Spring (4 Credits)
HBTM 375 The Molecular Genetics of Human Cancer <i>No meeting time listed</i> <i>Pier Paolo Pandolfi</i>	Course ID: 109144 2025 Fall (4 Credits)
HBTM 375 The Molecular Genetics of Human Cancer <i>No meeting time listed</i> <i>Pier Paolo Pandolfi</i>	Course ID: 109144 2026 Spring (4 Credits)
HBTM 376 Hematopoietic stem cell biology and aging <i>No meeting time listed</i> <i>Derrick Rossi</i>	Course ID: 109145 2025 Fall (4 Credits)
HBTM 376 Hematopoietic stem cell biology and aging <i>No meeting time listed</i> <i>Derrick Rossi</i>	Course ID: 109145 2026 Spring (4 Credits)
HBTM 377 Impact of Epigenetics On Cellular Homeostasis <i>No meeting time listed</i> <i>Johnathan Whetstone</i>	Course ID: 109146 2025 Fall (4 Credits)

HBTM 377 Impact of Epigenetics On Cellular Homeostasis <i>No meeting time listed</i> <i>Johnathan Whetstine</i>	Course ID: 109146 2026 Spring (4 Credits)
HBTM 378 Inherited basis for myocardial infarction <i>No meeting time listed</i> <i>Sekar Kathiresan</i>	Course ID: 110226 2026 Spring (4 Credits)
HBTM 378 Inherited basis for myocardial infarction <i>No meeting time listed</i> <i>Sekar Kathiresan</i>	Course ID: 110226 2025 Fall (4 Credits)
HBTM 381 Neurodevelopmental and neurodegenerative disorders <i>No meeting time listed</i> <i>Tracy Young-Pearse</i>	Course ID: 110229 2026 Spring (4 Credits)
HBTM 381 Neurodevelopmental and neurodegenerative disorders <i>No meeting time listed</i> <i>Tracy Young-Pearse</i>	Course ID: 110229 2025 Fall (4 Credits)
HBTM 382 Inflammatory networks in cardiovascular disease <i>No meeting time listed</i> <i>Matthias Nahrendorf</i>	Course ID: 203792 2025 Fall (4 Credits)
HBTM 382 Inflammatory networks in cardiovascular disease <i>No meeting time listed</i> <i>Matthias Nahrendorf</i>	Course ID: 203792 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HBTM 384 Neurobiology of neuropsychiatric disorders and therapeutics <i>No meeting time listed</i> <i>Stephen Haggarty</i>	Course ID: 203840 2025 Fall (4 Credits)
HBTM 384 Neurobiology of neuropsychiatric disorders and therapeutics <i>No meeting time listed</i> <i>Stephen Haggarty</i>	Course ID: 203840 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
HBTM 385 Functional Genomics of Obesity and Diabetes <i>No meeting time listed</i> <i>Alexander Soukas</i>	Course ID: 204033 2025 Fall (4 Credits)

HBTM 385
Functional Genomics of Obesity and Diabetes
No meeting time listed
Alexander Soukas

Course ID: 204033
2026 Spring (4 Credits)

HBTM 387
Signal transduction and hollow organ pathophysiology
No meeting time listed
Rosalyn Adam

Course ID: 204034
2025 Fall (4 Credits)

HBTM 387
Signal transduction and hollow organ pathophysiology
No meeting time listed
Rosalyn Adam

Course ID: 204034
2026 Spring (4 Credits)

HBTM 388
Enhancers in Blood Cell Development/Disease
No meeting time listed
Daniel Bauer

Course ID: 207241
2026 Spring (4 Credits)

HBTM 388
Enhancers in Blood Cell Development/Disease
No meeting time listed
Daniel Bauer

Course ID: 207241
2025 Fall (4 Credits)

BMIF 201

Course ID: 208016
2025 Fall (4 Credits)

Concepts in genome analysis

MW 0230 PM - 0400 PM

Instructor Permission Required

Shamil Sunyaev, Heng Li, Cheng-Zhong Zhang, Luke O'Connor, Luke O'Connor

This course focuses on quantitative aspects of genetics and genomics, including computational and statistical methods of genomic analysis. We will introduce basic concepts and discuss recent progress in population and evolutionary genetics and cover principles of statistical genetics of Mendelian and complex traits. We will then introduce current genomic technologies and key algorithms in computational biology and bioinformatics. We will discuss applications of these algorithms to genome annotation and analysis of epigenomics, cancer genomics and metagenomics data. Proficiency in programming and basic knowledge of genetics and statistics will be assumed.

Course Note: This course includes a discussion component on Mondays, from 4:00pm-5:00pm. Any additional details about this component will be provided by the course faculty.

FAS Divisional Distribution: None

BMIF 202 (0001)

Course ID: 224471
2025 Fall (4 Credits)

Artificial Intelligence in Medicine I

W 0200 PM - 0500 PM

Instructor Permission Required

Arjun Manrai, Chirag Patel, Zak Kohane

AI in Medicine I is a graduate-level seminar course at Harvard Medical School that explores the rapidly-growing applications of artificial intelligence in medicine. The goal of this course is to equip students with the skills to appraise both the clinical relevance and methodological novelty of scholarship at the intersection of artificial intelligence and medicine. This discussion-oriented course promotes active engagement through student-led presentations of seminal papers spanning multiple decades, from early efforts to apply decision analysis and rule-based systems to the powerful deep learning and generative AI models being deployed in medicine today. Students will engage with faculty at HMS and the HMS-affiliated hospitals, editors at leading general medical and medical AI journals, and clinicians driving change at the point of care. Our aim is to bridge the gap between the technical aspects of artificial intelligence and its impact on medicine.

Course Note: Course enrollment is capped at 12 students and requires instructor permission.

FAS Divisional Distribution: Science & Engineering & Applied Science

BMIF 203 (0001)

Course ID: 225876
2026 Spring (4 Credits)

Artificial Intelligence in Medicine II

T 0200 PM - 0400 PM

Instructor Permission Required

Marinka Zitnik

Artificial intelligence (AI) continues to transform medicine, offering cutting-edge approaches to address challenges in medical research and practice. This course covers the foundations of modern AI, including self-supervised learning, generative models, and multimodal techniques with applications to natural language processing, medical image analysis, patients' medical records, and longitudinal data. The course aims to equip students with both a technical understanding of AI techniques and the implications of these technologies, especially in terms of model and data interpretability, integration into clinical and research workflows, human-AI interaction, and ethical considerations. Materials will be presented through lectures by faculty, readings of contemporary literature, small group research projects, and multiple practical tutorials with hands-on components.

Intended primarily for graduate students with good programming skills in Python, knowledge of basic statistics and linear algebra, and practical experience with fundamental data science concepts.

BMIF 204 (0001)

Course ID: 226341
2025 Fall (4 Credits)

Foundations of Clinical Data and its Applications

Sebastian Schneeweiss

Data generated by the health system ("clinical data") as part of patient care is diverse and complex to interpret, mainly when used to create predictive algorithms, configure precise study cohorts, identify co-morbidities, evaluate outcomes, etc. Furthermore, since each data type may exclude information necessary to a given project goal, it is essential that users understand the nature, limitations, and opportunities of each data source before selecting one and using it for scientific inquiry. This introduction to clinical data types will cover those sources most typically used in human health research, such as electronic health records, national databases, insurer data, and commercially available consolidated databases. It will provide an essential foundation for students evaluating publications and research deriving from these sources.

Course Note: Enrollment limited to PhD students in the Biomedical Informatics – AI in Medicine track

FAS Divisional Distribution: None

BMIF 301 (0001)

Course ID: 225874

AI in Medicine Clinical Experience I

2026 Spring (4 Credits)

F 0200 PM - 0500 PM

Instructor Permission Required

Gabriel Brat

This course will expose students to the processes and logistics of data collection within the healthcare enterprise. Introduction lectures will explore how data is collected in the operating room, emergency department, intensive care, unit, inpatient hospital units, and ambulatory clinics. Students will have the opportunity to shadow clinicians working in the outpatient and inpatient setting.

Course Note: This course is only open to Biomedical Informatics PhD students in the AI in Medicine track.

BMIF 302 (0001)

Course ID: 226384

AI in Medicine Clinical Experience II

2025 Fall (4 Credits)

F 0200 PM - 0500 PM

Instructor Permission Required

Gabriel Brat

AI in Medicine Clinical Experience II (ACE II) is a graduate-level seminar course that builds on the foundation established in BMIF 301- ACE I. This course deepens students' understanding of healthcare data by expanding their clinical shadowing to a specialty of their choice and exposing them to the broader hospital data ecosystem. Students will shadow physicians in specialized fields and will engage with non-clinical professionals—including nurses, medical coders, billers, IT specialists, and data managers—to explore how hospital data is generated, stored, processed, and utilized in decision-making and AI applications. By the end of the course, students will gain a holistic understanding of healthcare data pipelines, from bedside patient interactions to backend data processing systems, critical for AI research in medicine.

Course Note: Enrollment limited to PhD students in the Biomedical Informatics – AI in Medicine track

Successful completion of BMIF 301 is recommended before taking this course. Exceptions will be made based on instructor consent.

FAS Divisional Distribution: None

BMIF 320DR

Course ID: 217879

Graduate Research - Zitnik Lab

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Marinka Zitnik

BMIF 320DR

Course ID: 217879

Graduate Research - Zitnik Lab

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Marinka Zitnik

BMIF 321DR Graduate Research - Gehlenborg Lab <i>No meeting time listed</i> <i>Nils Gehlenborg</i>	Course ID: 217913 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BMIF 321DR Graduate Research - Gehlenborg Lab <i>No meeting time listed</i> <i>Nils Gehlenborg</i>	Course ID: 217913 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BMIF 322DR Graduate Research - Pinello Lab <i>No meeting time listed</i> <i>Luca Pinello</i>	Course ID: 218890 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BMIF 322DR Graduate Research - Pinello Lab <i>No meeting time listed</i> <i>Luca Pinello</i>	Course ID: 218890 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BMIF 323DR Graduate Research - Segre Lab <i>No meeting time listed</i> <i>Ayellet Segre</i>	Course ID: 218892 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BMIF 323DR Graduate Research - Segre Lab <i>No meeting time listed</i> <i>Ayellet Segre</i>	Course ID: 218892 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BMIF 324DR (0001) Graduate Research Lakkaraju Lab <i>No meeting time listed</i> <i>Hima Lakkaraju</i>	Course ID: 220286 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BMIF 324DR (0001) Graduate Research Lakkaraju Lab <i>No meeting time listed</i> <i>Hima Lakkaraju</i>	Course ID: 220286 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BMIF 325DR (0001) Graduate Research – Manrai Lab <i>No meeting time listed</i> <i>Arjun Manrai</i>	Course ID: 221565 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BMIF 325DR (0001) Graduate Research – Manrai Lab <i>No meeting time listed</i> <i>Arjun Manrai</i>	Course ID: 221565 2026 Spring (4 Credits) <i>Instructor Permission Required</i>

BMIF 326DR (0001) Graduate Research–Farhat Lab <i>No meeting time listed</i> <i>Maha Farhat</i>	Course ID: 222105 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BMIF 326DR (0001) Graduate Research–Farhat Lab <i>No meeting time listed</i> <i>Maha Farhat</i>	Course ID: 222105 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BMIF 327DR Graduate Research – Rajpurkar Lab <i>No meeting time listed</i> <i>Pranav Rajpurkar</i>	Course ID: 222481 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BMIF 327DR Graduate Research – Rajpurkar Lab <i>No meeting time listed</i> <i>Pranav Rajpurkar</i>	Course ID: 222481 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BMIF 328DR (0001) Graduate Res. – Korsunsky Lab <i>No meeting time listed</i> <i>Ilya Korsunsky</i>	Course ID: 224062 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BMIF 333R Introduction to Research in Bioinformatics and Integrative Genomics <i>No meeting time listed</i> <i>Peter Park</i>	Course ID: 212577 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BMIF 333R Introduction to Research in Bioinformatics and Integrative Genomics <i>No meeting time listed</i> <i>Peter Park</i>	Course ID: 212577 2026 Spring (4 Credits)
BMIF 334 Computational Genomics <i>No meeting time listed</i> <i>Peter Park</i>	Course ID: 214352 2025 Fall (4 Credits)
BMIF 334 Computational Genomics <i>No meeting time listed</i> <i>Peter Park</i>	Course ID: 214352 2026 Spring (4 Credits)
BMIF 334DR (0001) Graduate Research – Smillie Lab	Course ID: 224965 2025 Fall (4 Credits)

No meeting time listed
Christopher Smillie

Instructor Permission Required

BMIF 334DR (0001)
Graduate Research – Smillie Lab
No meeting time listed
Christopher Smillie

Course ID: 224965
2026 Spring (4 Credits)
Instructor Permission Required

BMIF 335
Computational genomics of repetitive DNA and somatic mutation
No meeting time listed
Eunjung Alice Lee

Course ID: 215790
2026 Spring (4 Credits)

BMIF 335
Computational genomics of repetitive DNA and somatic mutation
No meeting time listed
Eunjung Alice Lee

Course ID: 215790
2025 Fall (4 Credits)

BMIF 335DR (0001)
Graduate Research – Li Lab
No meeting time listed
Heng Li

Course ID: 224972
2025 Fall (4 Credits)
Instructor Permission Required

BMIF 335DR (0001)
Graduate Research – Li Lab
No meeting time listed
Heng Li

Course ID: 224972
2026 Spring (4 Credits)
Instructor Permission Required

BMIF 336
Applying genomics to understand the molecular basis of human physiology and disease
No meeting time listed
Eric Lander

Course ID: 215812
2026 Spring (4 Credits)
Instructor Permission Required

BMIF 336
Applying genomics to understand the molecular basis of human physiology and disease
No meeting time listed
Eric Lander

Course ID: 215812
2025 Fall (4 Credits)
Instructor Permission Required

BMIF 336DR (0001)
Graduate Research – O'Connor Lab
No meeting time listed
Luke O'Connor

Course ID: 225006
2025 Fall (4 Credits)
Instructor Permission Required

BMIF 336DR (0001)
Graduate Research – O'Connor Lab
No meeting time listed
Luke O'Connor

Course ID: 225006
2026 Spring (4 Credits)
Instructor Permission Required

BMIF 337 Pathology Image Analysis <i>No meeting time listed</i> <i>Faisal Mahmood</i>	Course ID: 216719 2025 Fall (4 Credits)
BMIF 337 Pathology Image Analysis <i>No meeting time listed</i> <i>Faisal Mahmood</i>	Course ID: 216719 2026 Spring (4 Credits)
BMIF 337DR (0001) Graduate Research – Baca Lab <i>No meeting time listed</i> <i>Sylvan Baca</i>	Course ID: 226188 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BMIF 338DR (0001) Graduate Research – Price Lab <i>No meeting time listed</i> <i>Alkes Price</i>	Course ID: 226525 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BMIF 338DR (0001) Graduate Research – Price Lab <i>No meeting time listed</i> <i>Alkes Price</i>	Course ID: 226525 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BMIF 339DR (0001) Graduate Research – Yu Lab <i>No meeting time listed</i> <i>Kun-Hsing Yu</i>	Course ID: 226602 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BMIF 339DR (0001) Graduate Research – Yu Lab <i>No meeting time listed</i> <i>Kun-Hsing Yu</i>	Course ID: 226602 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BMIF 345 Imaging mammalian regulatory networks at multiple scales <i>No meeting time listed</i> <i>Miles Miller</i>	Course ID: 208293 2025 Fall (2 Credits)
BMIF 345 Imaging mammalian regulatory networks at multiple scales <i>No meeting time listed</i> <i>Miles Miller</i>	Course ID: 208293 2026 Spring (2 Credits)
BMIF 347 Antibiotic resistance, evolution, big data algorithms	Course ID: 211049 2025 Fall (2 Credits)

No meeting time listed
Michael Baym

Instructor Permission Required

FAS Divisional Distribution: None

BMIF 347	Course ID: 211049
Antibiotic resistance, evolution, big data algorithms	2026 Spring (2 Credits)
No meeting time listed	
Michael Baym	

FAS Divisional Distribution: None

BMIF 350	Course ID: 203785
Translational bioinformatics for gene by environment discovery and medical decision making	2025 Fall (4 Credits)
No meeting time listed	
Chirag Patel	

BMIF 350	Course ID: 203785
Translational bioinformatics for gene by environment discovery and medical decision making	2026 Spring (4 Credits)
No meeting time listed	Instructor Permission Required
Chirag Patel	

BMIF 354	Course ID: 126398
Computational Medicine	2025 Fall (4 Credits)
No meeting time listed	
Zak Kohane	

BMIF 354	Course ID: 126398
Computational Medicine	2026 Spring (4 Credits)
No meeting time listed	
Zak Kohane	

BMIF 355	Course ID: 212613
Statistical genetics: fast algorithms for large-scale genetic data analyses	2025 Fall (4 Credits)
No meeting time listed	Instructor Permission Required
Po-Ru Loh	

FAS Divisional Distribution: None

BMIF 355	Course ID: 212613
Statistical genetics: fast algorithms for large-scale genetic data analyses	2026 Spring (4 Credits)
No meeting time listed	Instructor Permission Required
Po-Ru Loh	

BMIF 375
Computational molecular biology including protein folding and medical genomics

No meeting time listed

Bonnie Berger Leighton

Course ID: 208295
2025 Fall (4 Credits)

BMIF 375
Computational molecular biology including protein folding and medical genomics

No meeting time listed

Bonnie Berger Leighton

Course ID: 208295
2026 Spring (4 Credits)

Virology

VIROLOGY 200

Course ID: 116413
2025 Fall (4 Credits)

Introduction to Virology

MW 0130 PM - 0345 PM

Instructor Permission Required

Benjamin Gewurz, Aaron Schmidt

Introduction to virology. The lecture component reviews the basic principles of virology and introduces the major groups of human viruses. Weekly discussion groups critically analyze selected papers from the literature.

Course Note: There will be mid-term and final projects consisting of proposals based on laboratory rotations.
<http://www.courses.fas.harvard.edu/6075>

Pre-Requisite: Current Virology PhD student, or upon special consent

FAS Divisional Distribution: None

VIROLOGY 201

Course ID: 110546
2026 Spring (4 Credits)

Virology

TR 0930 AM - 1100 AM

Instructor Permission Required

Benjamin Gewurz, Aaron Schmidt

The course focuses on the following areas of virology: (i) RNA and DNA virus replication mechanisms, (ii) innate responses to viral infection (iii) adaptive immune responses to viral infection, (iv) viral latency and reactivation, (v) inhibition of viral infection. The course will comprise lectures as well as reviewing literature that describes fundamental breakthroughs relevant to these areas. Within those areas, the class will read and discuss papers dealing with virus structure, replication, pathogenesis, evolution, emerging viruses, chronic infection, innate and adaptive immunity, anti-viral drugs/vaccines. Special emphasis will be placed on preparing students to critically evaluate the literature, formulate hypotheses and design experiments.

Course Note: Course format will be lectures, literature-based critical reading and discussion. Prepare and defend a written research proposal.

Virology 200, graduate standing and permission required.

FAS Divisional Distribution: None

VIROLOGY 202

Course ID: 117649
2025 Fall (4 Credits)

Proposal Writing

T 0130 PM - 0330 PM

Instructor Permission Required

Silvi Rouskin

Students will write, present, and evaluate research proposals in the areas of virus replication, viral pathogenesis and treatment and prevention of viral infections.

General background in biochemistry and virology.

FAS Divisional Distribution: None

VIROLOGY 300R

Course ID: 115484
2025 Fall (4 Credits)

Introduction to Research

No meeting time listed

Aaron Schmidt

VIROLOGY 300R

Course ID: 115484
2026 Spring (4 Credits)

Introduction to Research

No meeting time listed

Aaron Schmidt

VIROLOGY 301
Herpes Virus Interaction with the Host Cell
No meeting time listed
David Knipe

Course ID: 121197
2025 Fall (4 Credits)

VIROLOGY 301
Herpes Virus Interaction with the Host Cell
No meeting time listed
David Knipe

Course ID: 121197
2026 Spring (4 Credits)

VIROLOGY 301QC
Advanced Topics in Virology: Viral Oncology
TWR 0430 PM - 0600 PM
James DeCaprio

Course ID: 127484
2026 Spring (2 Credits)

Instructor Permission Required

Introduction to viral oncology and critical evaluation of key papers in viral oncology. Requirements include presentations, written critiques, and class participation.

Course Note: This is an intensive January course, limited to Virology students only. Other interested students may request approval from the course instructor to enroll.

FAS Divisional Distribution: None

VIROLOGY 303
AIDS Pathogenesis Research in the Nonhuman Primate Model of SIV Infection with a Focus on Host Immun
No meeting time listed
Amitinder Kaur

Course ID: 125740
2025 Fall (4 Credits)

VIROLOGY 303
AIDS Pathogenesis Research in the Nonhuman Primate Model of SIV Infection with a Focus on Host Immun
No meeting time listed
Amitinder Kaur

Course ID: 125740
2026 Spring (4 Credits)

VIROLOGY 304
Molecular Biology of Kaposi's Sarcoma-Associated Herpes Virus
No meeting time listed
Kenneth Kaye

Course ID: 112853
2026 Spring (4 Credits)

VIROLOGY 304
Molecular Biology of Kaposi's Sarcoma-Associated Herpes Virus
No meeting time listed
Kenneth Kaye

Course ID: 112853
2025 Fall (4 Credits)

VIROLOGY 305
Entry and Replication of Negative-Strand RNA Viruses
No meeting time listed
Sean P.J. Whelan, David Knipe

Course ID: 117886
2025 Fall (4 Credits)

VIROLOGY 305

Entry and Replication of Negative-Strand RNA Viruses

No meeting time listed

Sean P.J. Whelan, David Knipe

Course ID: 117886
2026 Spring (4 Credits)

VIROLOGY 308

Molecular Genetics of Herpes Virus

No meeting time listed

Donald Coen

Course ID: 112128
2026 Spring (4 Credits)

VIROLOGY 308

Molecular Genetics of Herpes Virus

No meeting time listed

Donald Coen

Course ID: 112128
2025 Fall (4 Credits)

VIROLOGY 309

Immunology of Pregnancy, Tolerance and Multiple Sclerosis

No meeting time listed

Jack L. Strominger

Course ID: 113580
2025 Fall (4 Credits)

VIROLOGY 309

Immunology of Pregnancy, Tolerance and Multiple Sclerosis

No meeting time listed

Jack L. Strominger

Course ID: 113580
2026 Spring (4 Credits)

VIROLOGY 310

Viruses and Cancer

No meeting time listed

James DeCaprio

Course ID: 111328
2026 Spring (4 Credits)

VIROLOGY 310

Viruses and Cancer

No meeting time listed

James DeCaprio

Course ID: 111328
2025 Fall (4 Credits)

VIROLOGY 311

Molecular Biology of Epstein-Barr Infection

No meeting time listed

Frederick Wang

Course ID: 142296
2025 Fall (4 Credits)

VIROLOGY 311

Molecular Biology of Epstein-Barr Infection

No meeting time listed

Frederick Wang

Course ID: 142296
2026 Spring (4 Credits)

VIROLOGY 312

Molecular Biology of Epstein Barr Virus infection and Transformation of B Lymphocytes

No meeting time listed

Course ID: 132895
2026 Spring (4 Credits)

VIROLOGY 312
Molecular Biology of Epstein Barr Virus infection and Transformation of B Lymphocytes

Course ID: 132895
2025 Fall (4 Credits)

No meeting time listed

Elliott Kieff

VIROLOGY 313
Molecular Basis for Simian Virus Pathogenesis

Course ID: 131444
2025 Fall (4 Credits)

No meeting time listed

Ronald Desrosiers

VIROLOGY 313
Molecular Basis for Simian Virus Pathogenesis

Course ID: 131444
2026 Spring (4 Credits)

No meeting time listed

Ronald Desrosiers

VIROLOGY 314
Viral Oncoproteins as Probes to Study the Regulation of Cell Growth and Differentiation

Course ID: 143399
2025 Fall (4 Credits)

No meeting time listed

Karl Munger

VIROLOGY 314
Viral Oncoproteins as Probes to Study the Regulation of Cell Growth and Differentiation

Course ID: 143399
2026 Spring (4 Credits)

No meeting time listed

Karl Munger

VIROLOGY 315
Mechanisms of Transcriptional Repression in Eukaryotic Cells

Course ID: 114054
2025 Fall (4 Credits)

No meeting time listed

Yang Shi

VIROLOGY 315
Mechanisms of Transcriptional Repression in Eukaryotic Cells

Course ID: 114054
2026 Spring (4 Credits)

No meeting time listed

Yang Shi

VIROLOGY 317
Virology and Immunology of Human Retroviruses

Course ID: 127530
2025 Fall (4 Credits)

No meeting time listed

Myron Essex

VIROLOGY 317
Virology and Immunology of Human Retroviruses

Course ID: 127530
2026 Spring (4 Credits)

No meeting time listed

Myron Essex

VIROLOGY 318 Persistence and Pathogenesis of Hepatitis C Virus Infection <i>No meeting time listed</i> <i>Raymond Chung</i>	Course ID: 125281 2025 Fall (4 Credits)
VIROLOGY 318 Persistence and Pathogenesis of Hepatitis C Virus Infection <i>No meeting time listed</i> <i>Raymond Chung</i>	Course ID: 125281 2026 Spring (4 Credits)
VIROLOGY 320 Pathogenesis of Human Retroviruses <i>No meeting time listed</i> <i>Joseph G. Sodroski</i>	Course ID: 110813 2026 Spring (4 Credits)
VIROLOGY 320 Pathogenesis of Human Retroviruses <i>No meeting time listed</i> <i>Joseph G. Sodroski</i>	Course ID: 110813 2025 Fall (4 Credits)
VIROLOGY 320DR Graduate Research - Gaiha Lab <i>No meeting time listed</i> <i>Gaurav Gaiha</i>	Course ID: 217910 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
VIROLOGY 320DR Graduate Research - Gaiha Lab <i>No meeting time listed</i> <i>Gaurav Gaiha</i>	Course ID: 217910 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
VIROLOGY 321 Retroviral DNA Integration <i>No meeting time listed</i> <i>Alan Engelman</i>	Course ID: 119740 2025 Fall (4 Credits)
VIROLOGY 321 Retroviral DNA Integration <i>No meeting time listed</i> <i>Alan Engelman</i>	Course ID: 119740 2026 Spring (4 Credits)
VIROLOGY 321DR (0001) Graduate Research – Jiang Lab <i>No meeting time listed</i> <i>Sizun Jiang</i>	Course ID: 220850 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
VIROLOGY 321DR (0001) Graduate Research – Jiang Lab <i>No meeting time listed</i>	Course ID: 220850 2026 Spring (4 Credits) <i>Instructor Permission Required</i>

VIROLOGY 322
HIV Molecular Biology and Pathogenesis
No meeting time listed
Dana Gabuzda

Course ID: 125161
2025 Fall (4 Credits)

VIROLOGY 322
HIV Molecular Biology and Pathogenesis
No meeting time listed
Dana Gabuzda

Course ID: 125161
2026 Spring (4 Credits)

VIROLOGY 322DR (0001)
Graduate Research - Rouskin Lab
No meeting time listed
Silvi Rouskin

Course ID: 220878
2025 Fall (4 Credits)
Instructor Permission Required

VIROLOGY 322DR (0001)
Graduate Research - Rouskin Lab
No meeting time listed
Silvi Rouskin

Course ID: 220878
2026 Spring (4 Credits)
Instructor Permission Required

VIROLOGY 323
Immunobiology of Epstein-Barr Virus Receptor; Pathogenesis of EBV and B-cell tumors
No meeting time listed
Joyce Fingerroth

Course ID: 112532
2025 Fall (4 Credits)

VIROLOGY 323
Immunobiology of Epstein-Barr Virus Receptor; Pathogenesis of EBV and B-cell tumors
No meeting time listed
Joyce Fingerroth

Course ID: 112532
2026 Spring (4 Credits)

VIROLOGY 323DR (0001)
Graduate Research – Li Lab
No meeting time listed
Jonathan Li

Course ID: 223910
2025 Fall (4 Credits)
Instructor Permission Required

VIROLOGY 323DR (0001)
Graduate Research – Li Lab
No meeting time listed
Jonathan Li

Course ID: 223910
2026 Spring (4 Credits)
Instructor Permission Required

VIROLOGY 324
Emerging Viruses
No meeting time listed
James Cunningham

Course ID: 110488
2026 Spring (4 Credits)

VIROLOGY 324

Emerging Viruses

No meeting time listed

James Cunningham

Course ID: 110488
2025 Fall (4 Credits)

VIROLOGY 324DR (0001)

Graduate Research – Corbett Lab

No meeting time listed

Kizzmekia Corbett-Helaire

Course ID: 226538
2025 Fall (4 Credits)

Instructor Permission Required

VIROLOGY 324DR (0001)

Graduate Research – Corbett Lab

No meeting time listed

Kizzmekia Corbett-Helaire

Course ID: 226538
2026 Spring (4 Credits)

Instructor Permission Required

VIROLOGY 325

Retroviral Pathogenesis; AIDS Vaccine Development, and the Nature of Protective Immunity

No meeting time listed

Ruth Ruprecht

Course ID: 112534
2025 Fall (4 Credits)

VIROLOGY 325

Retroviral Pathogenesis; AIDS Vaccine Development, and the Nature of Protective Immunity

No meeting time listed

Ruth Ruprecht

Course ID: 112534
2026 Spring (4 Credits)

VIROLOGY 326

Pathogenesis and Treatment of Human Retrovirus and Herpesvirus Infection

No meeting time listed

Martin Hirsch

Course ID: 131568
2025 Fall (4 Credits)

VIROLOGY 326

Pathogenesis and Treatment of Human Retrovirus and Herpesvirus Infection

No meeting time listed

Martin Hirsch

Course ID: 131568
2026 Spring (4 Credits)

VIROLOGY 328

Humoral Response to Retroviral Infections in Humans; Identification of Coding Sequence of Human Retr

No meeting time listed

Tun-hou Lee

Course ID: 112533
2025 Fall (4 Credits)

VIROLOGY 328

Humoral Response to Retroviral Infections in Humans; Identification of Coding Sequence of Human Retr

No meeting time listed

Tun-hou Lee

Course ID: 112533
2026 Spring (4 Credits)

VIROLOGY 329 Immune control of HIV and implications for vaccine development <i>No meeting time listed</i> <i>Bruce Walker</i>	Course ID: 112807 2026 Spring (4 Credits)
VIROLOGY 329 Immune control of HIV and implications for vaccine development <i>No meeting time listed</i> <i>Bruce Walker, Rosalind Segal</i>	Course ID: 112807 2025 Fall (4 Credits)
VIROLOGY 331 Polyomavirus JC, the Etiologic Agent of Progressive Multifocal Eukoencephalopathy (PML) <i>No meeting time listed</i> <i>Igor Koralnik</i>	Course ID: 125282 2025 Fall (4 Credits)
VIROLOGY 331 Polyomavirus JC, the Etiologic Agent of Progressive Multifocal Eukoencephalopathy (PML) <i>No meeting time listed</i> <i>Igor Koralnik</i>	Course ID: 125282 2026 Spring (4 Credits)
VIROLOGY 333 Antiretroviral Drug Resistance, and Drug Resistant Human Immunodeficiency Virus <i>No meeting time listed</i> <i>Daniel Kuritzkes</i>	Course ID: 118844 2025 Fall (4 Credits)
VIROLOGY 333 Antiretroviral Drug Resistance, and Drug Resistant Human Immunodeficiency Virus <i>No meeting time listed</i> <i>Daniel Kuritzkes</i>	Course ID: 118844 2026 Spring (4 Credits)
VIROLOGY 336 Genetic Changes in HIV and Hepatitis C Virus <i>No meeting time listed</i> <i>Todd Allen</i>	Course ID: 125283 2025 Fall (4 Credits)
VIROLOGY 336 Genetic Changes in HIV and Hepatitis C Virus <i>No meeting time listed</i> <i>Todd Allen</i>	Course ID: 125283 2026 Spring (4 Credits)
VIROLOGY 339 Mechanisms of HIV Protein Degradation, Epitope Processing and Presentation to Virus-specific CD8 T c <i>No meeting time listed</i> <i>Sylvie Le Gall</i>	Course ID: 125855 2025 Fall (4 Credits)

VIROLOGY 339 Mechanisms of HIV Protein Degradation, Epitope Processing and Presentation to Virus-specific CD8 T c <i>No meeting time listed</i> <i>Sylvie Le Gall</i>	Course ID: 125855 2026 Spring (4 Credits)
VIROLOGY 347 Reovirus Structure, Assembly, and Particle Functions in Entry and RNA Synthesis <i>No meeting time listed</i> <i>Max Nibert</i>	Course ID: 115350 2025 Fall (4 Credits)
VIROLOGY 347 Reovirus Structure, Assembly, and Particle Functions in Entry and RNA Synthesis <i>No meeting time listed</i> <i>Max Nibert</i>	Course ID: 115350 2026 Spring (4 Credits)
VIROLOGY 348 Immunopathogenesis of HIV-1 and the Development of HIV-1 Vaccine Strategies <i>No meeting time listed</i> <i>Dan Barouch</i>	Course ID: 123149 2025 Fall (4 Credits)
VIROLOGY 348 Immunopathogenesis of HIV-1 and the Development of HIV-1 Vaccine Strategies <i>No meeting time listed</i> <i>Dan Barouch</i>	Course ID: 123149 2026 Spring (4 Credits)
VIROLOGY 349 Imaging Techniques to Study the Behavior of Individual Biological Molecules and Complexes in Vitro a <i>No meeting time listed</i> <i>Xiaowei Zhuang</i>	Course ID: 126451 2025 Fall (4 Credits)
VIROLOGY 349 Imaging Techniques to Study the Behavior of Individual Biological Molecules and Complexes in Vitro a <i>No meeting time listed</i> <i>Xiaowei Zhuang</i>	Course ID: 126451 2026 Spring (4 Credits)
VIROLOGY 350DR Virology Graduate Dissertation Research <i>No meeting time listed</i> <i>Erin Ringuette</i>	Course ID: 222002 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
VIROLOGY 350DR (002) Virology Graduate Dissertation Research <i>No meeting time listed</i>	Course ID: 222002 2026 Spring (4 Credits) <i>Instructor Permission Required</i>

VIROLOGY 351

Molecular Mechanisms of HIV (Human Immunodeficiency Virus) Viral Entry

No meeting time listed

Bing Chen

Course ID: 109093

2025 Fall (4 Credits)

VIROLOGY 351

Molecular Mechanisms of HIV (Human Immunodeficiency Virus) Viral Entry

No meeting time listed

Bing Chen

Course ID: 109093

2026 Spring (4 Credits)

VIROLOGY 353

Genetic and proteomic analysis of Epstein-Barr virus replication, pathogenesis and cancer biology

No meeting time listed

Benjamin Gewurz

Course ID: 160979

2025 Fall (4 Credits)

VIROLOGY 353

Genetic and proteomic analysis of Epstein-Barr virus replication, pathogenesis and cancer biology

No meeting time listed

Benjamin Gewurz

Course ID: 160979

2026 Spring (4 Credits)

VIROLOGY 356

Pattern recognition by the B cell receptor

No meeting time listed

Daniel Lingwood

Course ID: 204094

2025 Fall (4 Credits)

VIROLOGY 356

Pattern recognition by the B cell receptor

No meeting time listed

Daniel Lingwood

Course ID: 204094

2026 Spring (4 Credits)

NEUROBIO 215A

The Discipline of Neuroscience

TR 0900 AM - 1200 PM

John Assad, Mark Andermann

Course ID: 205295
2025 Fall (4 Credits)

Instructor Permission Required

This course will endow students with the broad conceptual fluency in the discipline of neuroscience required to relate genes to circuit function, metabolism to neurological disease, and cell biology to neural computations. Through a combination of asynchronous instructional materials and synchronous in-class activities, students will learn to design, quantitatively analyze, and interpret experiments that address a variety of questions spanning molecular to systems neuroscience. During the first semester, students will think critically about the fundamental units of the nervous system within the context of cellular function, electrical conduction, and chemical signaling. The second half of the course builds upon this foundation to focus on broadly defined "networks of neural function"; as related to coordinated neural activity, the concerted execution of genetic programs, and anatomically defined structural networks. The course culminates with students writing an experimental proposal. Part one of a two-part series. The curriculum for this course builds throughout the academic year. Students are strongly encouraged to enroll in both the fall and spring course within the same academic year.

Course Note: Please note that Program in Neuroscience (PiN) students must take both semesters to fulfill the requirement. Non-PiN students may enroll in just the fall semester with the instructor's approval. Students must complete the fall semester (NB215A) to enroll in the spring semester (NB215B).

Meeting Location: WAB 236

Requires: Only students with a concentration in Neurobiology may register for this course. Students not in Neurobiology must petition to join.

FAS Divisional Distribution: None

NEUROBIO 215B

The Discipline of Neuroscience

TR 0900 AM - 1200 PM

Rachel Wilson, Richard Born

Course ID: 207100
2026 Spring (4 Credits)

Instructor Permission Required

This course will endow students with the broad conceptual fluency in the discipline of neuroscience required to relate genes to circuit function, metabolism to neurological disease, and cell biology to neural computations. Through a combination of lectures and discussions, students will learn to design, quantitatively analyze, and interpret experiments that address a variety of questions spanning molecular to systems neuroscience. During the first semester (NB215A), students will think critically about the fundamental units of the nervous system within the context of cellular function, electrical conduction, and chemical signaling. The second half of the course (NB215B) builds upon this foundation to focus on broadly defined "networks of neural function" as related to coordinated neural activity, the concerted execution of genetic programs, and anatomically defined structural networks. The course culminates with students writing a grant proposal in the style of the NIH NRSA.

Course Note: Full year course. Students may not enroll for the second semester unless they have completed the first semester; however, students may elect to take just the first semester. Please note that Program in Neuroscience (PiN) students must take both semesters to fulfill the requirement.

Students must successfully complete Fall semester of course (NEUROBIO 215A).

Requires: Must complete NEUROBIO 215A

FAS Divisional Distribution: None

NEUROBIO 230

Visual Recognition: Computational and biophysical perspective

M 0300 PM - 0545 PM

Gabriel Kreiman

Course ID: 107755
2025 Fall (4 Credits)

Examines how neuronal circuits represent information and how those circuits are implemented in artificial intelligence algorithms. Topics: architecture of visual cortex, neurophysiology, visual consciousness, computational neuroscience, models of pattern recognition and computer vision.

Course Note: Neuro 130 cannot be taken if Neurobio 230 has been taken. Neuro 130 cannot be taken concurrently with Neurobio 230.

Course Website: https://klab.tch.harvard.edu/academia/classes/hms_neuro300_vision/hms_neuro300_vision.html

Location: Cambridge campus, TBD

Recommended Prep: Math (Maa/Mab, Math 1A, 1B, Math 19 a or equivalent). Physical Sciences 1. MCB 80.

Prerequisite: ((LifeSci 1A OR LPS A) AND (LifeSci 1B)) AND may not be taken at the same time with NEUROBIO 230.

Requires: Anti-Req: Cannot be taken for credit if NEURO 130 already complete.

FAS Divisional Distribution: Science & Engineering & Applied Science

NEUROBIO 240

Biological and Artificial Intelligence

T 0300 PM - 0500 PM

Gabriel Kreiman

This course provides a foundational overview of the fundamental ideas in computational neuroscience and the study of Biological Intelligence. At the same time, the course will connect the study of brains to the blossoming and rapid development of ideas in Artificial Intelligence. Topics covered include the biophysics of computation, neural networks, machine learning, Bayesian models, theory of learning, deep convolutional networks, generative adversarial networks, neural coding, control and dynamics of neural activity, applications to brain-machine interfaces, connectomics, among others. Lectures will be taught by leading Harvard experts in the field.

Course Note: Jointly offered with the Faculty of Arts & Sciences as NEURO 140.

Basic knowledge of multivariate calculus, differential equations, linear algebra, elementary probability theory, basic computer programming skills

FAS Divisional Distribution: None

NEUROBIO 301

Visual Object Recognition: Computational Models and Neurophysiological Mechanisms

No meeting time listed

Gabriel Kreiman

Course ID: 125275

2025 Fall (4 Credits)

NEUROBIO 301

Visual Object Recognition: Computational Models and Neurophysiological Mechanisms

No meeting time listed

Gabriel Kreiman

Course ID: 125275

2026 Spring (4 Credits)

NEUROBIO 302

Attention and Representation of Sensory Information in Cerebral Cortex

No meeting time listed

John Maunsell

Course ID: 122756

2025 Fall (4 Credits)

NEUROBIO 302

Attention and Representation of Sensory Information in Cerebral Cortex

No meeting time listed

John Maunsell

Course ID: 122756

2026 Spring (4 Credits)

NEUROBIO 303

Development, Function, and Disease State of the Inner Ear

No meeting time listed

Zheng-Yi Chen

Course ID: 121803

2025 Fall (4 Credits)

NEUROBIO 303	Course ID: 121803
Development, Function, and Disease State of the Inner Ear	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Zheng-Yi Chen</i>	
NEUROBIO 304	Course ID: 116240
Behavioral Genetic Studies of Aggression in Drosophila	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Edward Kravitz</i>	
NEUROBIO 304	Course ID: 116240
Behavioral Genetic Studies of Aggression in Drosophila	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Edward Kravitz</i>	
NEUROBIO 305	Course ID: 125532
Cellular and Molecular Mechanisms of Epilepsy, Autism, and Postnatal Circuit Development	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Matthew Anderson</i>	
NEUROBIO 305	Course ID: 125532
Cellular and Molecular Mechanisms of Epilepsy, Autism, and Postnatal Circuit Development	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Matthew Anderson</i>	
NEUROBIO 306	Course ID: 121804
Mechanisms of neuro-vascular interactions in the central nervous system	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Chenghua Gu</i>	
NEUROBIO 306	Course ID: 121804
Mechanisms of neuro-vascular interactions in the central nervous system	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Chenghua Gu</i>	
NEUROBIO 306QC	Course ID: 107877
Quantitative Methods for Biologists	2025 Fall (2 Credits)
MWF 1000 AM - 0400 PM	<i>Instructor Permission Required</i>
<i>Michael Springer, Richard Born, Eleanor Batty</i>	
NEUROBIO 307	Course ID: 108356
Architecture and plasticity of neurotransmitter release sites	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Pascal Kaeser</i>	
NEUROBIO 307	Course ID: 108356
Architecture and plasticity of neurotransmitter release sites	2025 Fall (4 Credits)

No meeting time listed
Pascal Kaeser

NEUROBIO 308
Molecular Mechanisms of Catecholaminergic-specific Gene Regulation
No meeting time listed
Kwang-Soo Kim

Course ID: 112848
2026 Spring (4 Credits)

NEUROBIO 308
Molecular Mechanisms of Catecholaminergic-specific Gene Regulation
No meeting time listed
Kwang-Soo Kim

Course ID: 112848
2025 Fall (4 Credits)

NEUROBIO 309
Neural Circuitry in Schizophrenia
No meeting time listed
Francine Benes

Course ID: 115974
2025 Fall (4 Credits)

NEUROBIO 309
Neural Circuitry in Schizophrenia
No meeting time listed
Francine Benes

Course ID: 115974
2026 Spring (4 Credits)

NEUROBIO 310
Neural Coding of Chemosensory Stimuli
No meeting time listed
Rachel Wilson

Course ID: 120846
2025 Fall (4 Credits)

NEUROBIO 310
Neural Coding of Chemosensory Stimuli
No meeting time listed
Rachel Wilson

Course ID: 120846
2026 Spring (4 Credits)

NEUROBIO 310L
Cortical excitation: inhibition balance in health and disease
No meeting time listed
Alexander Rotenberg

Course ID: 215776
2026 Spring (4 Credits)

NEUROBIO 310L
Cortical excitation: inhibition balance in health and disease
No meeting time listed
Alexander Rotenberg

Course ID: 215776
2025 Fall (4 Credits)

NEUROBIO 311
Cellular and Molecular Studies of Synapse Formation in the Vertebrate Nervous System
No meeting time listed
Joshua Sanes

Course ID: 121007
2025 Fall (4 Credits)

NEUROBIO 311
Cellular and Molecular Studies of Synapse Formation in the Vertebrate Nervous System

Course ID: 121007
2026 Spring (4 Credits)

No meeting time listed
Joshua Sanes

NEUROBIO 312
The Study of Synaptic Competition by Visualizing Synaptic Rearrangements Directly in Living Animals

Course ID: 121008
2025 Fall (4 Credits)

No meeting time listed
Jeff W. Lichtman

NEUROBIO 312
The Study of Synaptic Competition by Visualizing Synaptic Rearrangements Directly in Living Animals

Course ID: 121008
2026 Spring (4 Credits)

No meeting time listed
Jeff W. Lichtman

NEUROBIO 313
Molecular Biology of Mammalian Circadian Clocks

Course ID: 110982
2025 Fall (4 Credits)

No meeting time listed
Charles Weitz

NEUROBIO 313
Molecular Biology of Mammalian Circadian Clocks

Course ID: 110982
2026 Spring (4 Credits)

No meeting time listed
Charles Weitz

NEUROBIO 314
Cellular Mechanism(s) of Axon Guidance

Course ID: 125276
2025 Fall (4 Credits)

No meeting time listed
Mustafa Sahin

NEUROBIO 314
Cellular Mechanism(s) of Axon Guidance

Course ID: 125276
2026 Spring (4 Credits)

No meeting time listed
Mustafa Sahin

NEUROBIO 315
Molecular mechanisms of Proliferation and Survival in Neural development

Course ID: 110615
2026 Spring (4 Credits)

No meeting time listed
Rosalind Segal

NEUROBIO 315
Molecular mechanisms of Proliferation and Survival in Neural development

Course ID: 110615
2025 Fall (4 Credits)

No meeting time listed
Rosalind Segal

NEUROBIO 315QC
Human Neuroanatomy and Neuropathology

Course ID: 205296
2025 Fall (2 Credits)

Matthew Frosch, Jean Augustinack

This course will cover human neuroanatomy in depth, with an emphasis on the functional implications of structure and medical implications of lesions. Teaching occurs through lectures, small group sessions, brain dissection and homework assignments.

Course Note: Restricted to Graduate Students only. This course is offered as part of HT130. Students may not co-register for both courses.

FAS Divisional Distribution: None

NEUROBIO 316 The Development, Organization, and Functions of Sensory Neurons that Mediate Touch	Course ID: 110230 2026 Spring (4 Credits)
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No meeting time listed

David Ginty

NEUROBIO 316 The Development, Organization, and Functions of Sensory Neurons that Mediate Touch	Course ID: 110230 2025 Fall (4 Credits)
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No meeting time listed

David Ginty

NEUROBIO 317 Development and organization of neural circuits underlying hearing and vision	Course ID: 118840 2025 Fall (4 Credits)
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No meeting time listed

Lisa Goodrich

NEUROBIO 317 Development and organization of neural circuits underlying hearing and vision	Course ID: 118840 2026 Spring (4 Credits)
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No meeting time listed

Lisa Goodrich

NEUROBIO 318 Molecular Genetics of Cerebral Cortical Development	Course ID: 123216 2025 Fall (4 Credits)
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No meeting time listed

Christopher Walsh

NEUROBIO 318 Molecular Genetics of Cerebral Cortical Development	Course ID: 123216 2026 Spring (4 Credits)
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No meeting time listed

Christopher Walsh

NEUROBIO 318L Neurobiology of motivational states	Course ID: 156718 2025 Fall (4 Credits)
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No meeting time listed

Michael Crickmore

NEUROBIO 318L Neurobiology of motivational states	Course ID: 156718 2026 Spring (4 Credits)
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No meeting time listed
Michael Crickmore

NEUROBIO 319
Neurological Control of Cell Growth and Differentiation

No meeting time listed
Michael Greenberg

Course ID: 112119
2026 Spring (4 Credits)

NEUROBIO 319
Neurological Control of Cell Growth and Differentiation

No meeting time listed
Michael Greenberg

Course ID: 112119
2025 Fall (4 Credits)

NEUROBIO 319L
**Characterizing the Molecular, Neural Circuit & Ecological Underpin. of
Behav'r'l Diver in the Fruit Fly**

No meeting time listed
Benjamin de Bivort

Course ID: 110233
2026 Spring (4 Credits)

NEUROBIO 319L
**Characterizing the Molecular, Neural Circuit & Ecological Underpin. of
Behav'r'l Diver in the Fruit Fly**

No meeting time listed
Benjamin de Bivort

Course ID: 110233
2025 Fall (4 Credits)

NEUROBIO 320
Neuroprotection and Neuronal Repair in Neurodegenerative Disease

No meeting time listed
Ole Isacson

Course ID: 114243
2025 Fall (4 Credits)

NEUROBIO 320
Neuroprotection and Neuronal Repair in Neurodegenerative Disease

No meeting time listed
Ole Isacson

Course ID: 114243
2026 Spring (4 Credits)

NEUROBIO 320L
Neural Circuits Underlying Cognitive Behaviors in Mice

No meeting time listed
Christopher Harvey

Course ID: 109095
2025 Fall (4 Credits)

NEUROBIO 320L
Neural Circuits Underlying Cognitive Behaviors in Mice

No meeting time listed
Christopher Harvey

Course ID: 109095
2026 Spring (4 Credits)

NEUROBIO 321
**Visual Perception, Object Recognition, Higher Cognitive Functions, Vision
and Art**

No meeting time listed

Course ID: 115924
2025 Fall (4 Credits)

NEUROBIO 321
Visual Perception, Object Recognition, Higher Cognitive Functions, Vision and Art

No meeting time listed

Marge Livingstone

Course ID: 115924
2026 Spring (4 Credits)

NEUROBIO 321L
Multi-Modal, Multiscalar Studies of Human Neurophysiology from Single Neurons to Neuronal Ensembles

No meeting time listed

Sydney Cash

Course ID: 109096
2025 Fall (4 Credits)

NEUROBIO 321L
Multi-Modal, Multiscalar Studies of Human Neurophysiology from Single Neurons to Neuronal Ensembles

No meeting time listed

Sydney Cash

Course ID: 109096
2026 Spring (4 Credits)

NEUROBIO 322
Cellular and Molecular Mechanisms in Axon Guidance and Regeneration

No meeting time listed

Zhigang He

Course ID: 114637
2025 Fall (4 Credits)

NEUROBIO 322
Cellular and Molecular Mechanisms in Axon Guidance and Regeneration

No meeting time listed

Zhigang He

Course ID: 114637
2026 Spring (4 Credits)

NEUROBIO 323
Synaptic Plasticity

No meeting time listed

Florian Engert

Course ID: 118839
2025 Fall (4 Credits)

NEUROBIO 323
Synaptic Plasticity

No meeting time listed

Florian Engert

Course ID: 118839
2026 Spring (4 Credits)

NEUROBIO 323L
Sensory Transduction in Hair Cells of the Mammalian Inner Ear

No meeting time listed

Jeffrey Holt

Course ID: 109101
2025 Fall (4 Credits)

NEUROBIO 323L
Sensory Transduction in Hair Cells of the Mammalian Inner Ear

No meeting time listed

Jeffrey Holt

Course ID: 109101
2026 Spring (4 Credits)

NEUROBIO 324	Course ID: 136833
Research in Neuropeptide Gene Regulation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
Joseph Majzoub	

NEUROBIO 324	Course ID: 136833
Research in Neuropeptide Gene Regulation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
Joseph Majzoub	

NEUROBIO 324L	Course ID: 109102
Neuroscience and Genetics of Human Variation in Reward and Self-Control	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
Joshua Buckholtz	

NEUROBIO 324L	Course ID: 109102
Neuroscience and Genetics of Human Variation in Reward and Self-Control	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
Joshua Buckholtz	

NEUROBIO 324QC (0001)	Course ID: 224578
Evolution of Neuronal Circuitry: Structure, Function and Behavior	2025 Fall (2 Credits)
MW 1000 AM - 1130 AM	<i>Instructor Permission Required</i>
Mohini Lutchman, Wei-Chung Lee	

Neuroscientists employ diverse model systems and experimental approaches to study nervous system structure, function, and behavior. Modern experimental methods and online resources will be used to study neural circuit structure and function across species using a combination of lectures, hands-on lab activities, and paper discussions. This quarter course will introduce students to principles of nervous system organization and provide a conceptual understanding of the structural and functional relationships between components of the nervous system from an evolutionary perspective.

FAS Divisional Distribution: None

NEUROBIO 325	Course ID: 111229
Synaptic Transmissions and Dendritic Processing	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
Wade Regehr	

NEUROBIO 325	Course ID: 111229
Synaptic Transmissions and Dendritic Processing	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
Wade Regehr	

NEUROBIO 325L	Course ID: 109103
Genetic Dissection of Inhibitory Modulation in the Central Nervous System	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
Uwe Rudolph	

NEUROBIO 325L

Genetic Dissection of Inhibitory Modulation in the Central Nervous System

No meeting time listed

Uwe Rudolph

Course ID: 109103
2026 Spring (4 Credits)

NEUROBIO 326

Age-Dependent Mechanisms of Perinatal Brain Injury

No meeting time listed

Frances Jensen

Course ID: 119610
2025 Fall (4 Credits)

NEUROBIO 326

Age-Dependent Mechanisms of Perinatal Brain Injury

No meeting time listed

Frances Jensen

Course ID: 119610
2026 Spring (4 Credits)

NEUROBIO 326L

Extracellular Matrix/neuron/glia Interactions in Pathophysiology of Schizophrenia & Bipolar Disorder

No meeting time listed

Sabina Berretta

Course ID: 109104
2025 Fall (4 Credits)

NEUROBIO 326L

Extracellular Matrix/neuron/glia Interactions in Pathophysiology of Schizophrenia & Bipolar Disorder

No meeting time listed

Sabina Berretta

Course ID: 109104
2026 Spring (4 Credits)

NEUROBIO 326QC (0001)

Science Reconsidered

MW 0200 PM - 0400 PM

Tari Tan

Course ID: 225863
2026 Spring (2 Credits)

Instructor Permission Required

Through this collaborative, interdisciplinary course between HMS and the Okinawa Institute for Science and Technology (OIST), we will critically review the dominant narratives that influence the teaching of our scientific disciplines (while excluding the important representations, contributions, and insights of minoritized populations) and re-contextualize the teaching of science to affirm a plurality of contexts (societal, cultural, historical, epistemological, etc.). You will critically engage with the scientific literature and reflect on the broader context of your own research. We will provide foundational training in instructional design and pedagogy to empower you to directly transform STEM education through a capstone project in which you will develop instructional materials to "reconsider" a dominant research narrative or educational practice. These materials will be published as open-access resources available to STEM educators around the world.

Course Note: This course has a few evening Zoom class sessions that fall beyond the typical course meeting pattern to accommodate the time zone difference with Japan.

Please see Additional Course Notes for details.

NEUROBIO 327QC (0001)

Neuronal Diversity

MF 1000 AM - 1200 PM

Lisa Goodrich, Gord Fishell, Evan Macosko

Course ID: 225864
2026 Spring (2 Credits)

Instructor Permission Required

A hallmark of the nervous system is the tremendous morphological, molecular, physiological, and functional diversity of its cells, the neurons and glia. This course will examine how neuronal diversity is assessed experimentally and how this diversity is created during development. Lectures will provide both historical and current perspectives, which students will learn about further by reading and discussing relevant papers. Topics

include single cell sequencing techniques, the role of morphogens in patterning the nervous system, intrinsic determinants and gene regulatory network analysis, the influence of activity, and functional maturation.

Course Note: Course expected to be offered every other year starting in 2024

NEUROBIO 327R

Lab Rotations in Neurosciences

No meeting time listed

John Assad

Course ID: 109330
2026 Spring (4 Credits)

FAS Divisional Distribution: None

NEUROBIO 327R

Lab Rotations in Neurosciences

No meeting time listed

John Assad, Chinfei Chen

Course ID: 109330
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

NEUROBIO 328

Mechanisms of Cell Death in Stroke and Trauma

No meeting time listed

Eng Lo

Course ID: 112849
2026 Spring (4 Credits)

NEUROBIO 328

Mechanisms of Cell Death in Stroke and Trauma

No meeting time listed

Eng Lo

Course ID: 112849
2025 Fall (4 Credits)

NEUROBIO 328DR (0001)

Grad. Research - Venkatesh Lab

No meeting time listed

Humsa Venkatesh

Course ID: 220879
2025 Fall (4 Credits)

Instructor Permission Required

NEUROBIO 328DR (0001)

Grad. Research - Venkatesh Lab

No meeting time listed

Humsa Venkatesh

Course ID: 220879
2026 Spring (4 Credits)

Instructor Permission Required

NEUROBIO 328QC (0001)

Neurobiology of Behavior

MF 1000 AM - 1200 PM

Michael Crickmore, Dragana Rogulja

Course ID: 226307
2025 Fall (2 Credits)

Instructor Permission Required

Students will search the classical and recent history of neuroscience for mechanistic explanations of behavior, while attempting to identify the most successful approaches through lectures, readings, discussion, and debate. Topics include innate and learned behaviors, circadian rhythms, hippocampal place fields, neurohormonal regulation, and brain-body interactions.

Course Note: Course expected to be offered every other year starting in 2025.

NEUROBIO 329 Molecular Mechanisms of Neurodegeneration in Alzheimer's and Parkinsons Diseases <i>No meeting time listed</i> <i>Dennis Selkoe</i>	Course ID: 124384 2025 Fall (4 Credits)
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NEUROBIO 329 Molecular Mechanisms of Neurodegeneration in Alzheimer's and Parkinsons Diseases <i>No meeting time listed</i> <i>Dennis Selkoe</i>	Course ID: 124384 2026 Spring (4 Credits)
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NEUROBIO 329L The Genetic and Neural Basis of Sleep in Drosophila <i>No meeting time listed</i> <i>Dragana Rogulja</i>	Course ID: 109254 2025 Fall (4 Credits)
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NEUROBIO 329L The Genetic and Neural Basis of Sleep in Drosophila <i>No meeting time listed</i> <i>Dragana Rogulja</i>	Course ID: 109254 2026 Spring (4 Credits)
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NEUROBIO 330 Effects of stress and other experiences on motivated behavior <i>No meeting time listed</i> <i>William Carlezon</i>	Course ID: 115975 2025 Fall (4 Credits)
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NEUROBIO 330 Effects of stress and other experiences on motivated behavior <i>No meeting time listed</i> <i>William Carlezon</i>	Course ID: 115975 2026 Spring (4 Credits)
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NEUROBIO 330DR Graduate Research-Whipple Lab <i>No meeting time listed</i> <i>Amanda Whipple</i>	Course ID: 218506 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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NEUROBIO 331 Neural Differentiation, Regeneration and Stem Cell Regulation in the Brain and Eye <i>No meeting time listed</i> <i>Dong Chen</i>	Course ID: 115976 2025 Fall (4 Credits)
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NEUROBIO 331 Neural Differentiation, Regeneration and Stem Cell Regulation in the Brain and Eye	Course ID: 115976 2026 Spring (4 Credits)
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No meeting time listed
Dong Chen

NEUROBIO 331DR
Graduate Research – Koehler
No meeting time listed
Karl Koehler

Course ID: 219524
2025 Fall (4 Credits)
Instructor Permission Required

NEUROBIO 331DR
Graduate Research – Koehler
No meeting time listed
Karl Koehler

Course ID: 219524
2026 Spring (4 Credits)
Instructor Permission Required

NEUROBIO 331L
Motivational Influences on Cortical Networks Underlying Attention, Learning and Memory of Sensory Cu
No meeting time listed
Mark Andermann

Course ID: 109256
2025 Fall (4 Credits)

NEUROBIO 331L
Motivational Influences on Cortical Networks Underlying Attention, Learning and Memory of Sensory Cu
No meeting time listed
Mark Andermann

Course ID: 109256
2026 Spring (4 Credits)

NEUROBIO 332
Ligand-Gated Ion Channels: Structure and Function
No meeting time listed
Jonathan Cohen

Course ID: 110882
2026 Spring (4 Credits)

NEUROBIO 332
Ligand-Gated Ion Channels: Structure and Function
No meeting time listed
Jonathan Cohen

Course ID: 110882
2025 Fall (4 Credits)

NEUROBIO 332DR (0001)
Graduate Research – Prerau Lab
No meeting time listed
Michael Prerau

Course ID: 223055
2025 Fall (4 Credits)
Instructor Permission Required

NEUROBIO 332DR (0001)
Graduate Research – Prerau Lab
No meeting time listed
Michael Prerau

Course ID: 223055
2026 Spring (4 Credits)
Instructor Permission Required

NEUROBIO 332L
Biological and Computational Underpinnings of Visual Processing
No meeting time listed
David Cox

Course ID: 109257
2025 Fall (4 Credits)

NEUROBIO 332L	Course ID: 109257
Biological and Computational Underpinnings of Visual Processing	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>David Cox</i>	

NEUROBIO 333	Course ID: 111693
Intercellular Communication	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>David Paul</i>	

NEUROBIO 333	Course ID: 111693
Intercellular Communication	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>David Paul</i>	

NEUROBIO 333DR (0001)	Course ID: 223862
Graduate Research – Del Marmol Lab	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Josefina del Marmol</i>	

NEUROBIO 333DR (0001)	Course ID: 223862
Graduate Research – Del Marmol Lab	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Josefina del Marmol</i>	

NEUROBIO 333L	Course ID: 109293
Behavioral and synaptic plasticity in neuropsychiatric disorders; mechanisms of axon guidance and sy	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Christopher Cowan</i>	

NEUROBIO 333L	Course ID: 109293
Behavioral and synaptic plasticity in neuropsychiatric disorders; mechanisms of axon guidance and sy	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Christopher Cowan</i>	

NEUROBIO 334	Course ID: 123141
Hair Cells and Afferent Neurons of the Inner Ear	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Ruth Anne Eatock</i>	

NEUROBIO 334	Course ID: 123141
Hair Cells and Afferent Neurons of the Inner Ear	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Ruth Anne Eatock</i>	

NEUROBIO 334DR (0001)
Graduate Research – Horvitz Lab

No meeting time listed
H Robert Horvitz

Course ID: 224061
2025 Fall (4 Credits)

Instructor Permission Required

NEUROBIO 334L
Cellular and Molecular Mechanisms of Cortical Circuit Assembly

No meeting time listed
Corey Harwell

Course ID: 109369
2026 Spring (4 Credits)

NEUROBIO 334L
Cellular and Molecular Mechanisms of Cortical Circuit Assembly

No meeting time listed
Corey Harwell

Course ID: 109369
2025 Fall (4 Credits)

NEUROBIO 335
Physiological Function and the Pathogenetic Actions of Genes Implicated in Neurodegenerative Disease

No meeting time listed
Mark Albers

Course ID: 109376
2026 Spring (4 Credits)

NEUROBIO 335
Physiological Function and the Pathogenetic Actions of Genes Implicated in Neurodegenerative Disease

No meeting time listed
Mark Albers

Course ID: 109376
2025 Fall (4 Credits)

NEUROBIO 335DR (0001)
Graduate Research – Miller Lab

No meeting time listed
Michael Miller

Course ID: 224960
2025 Fall (4 Credits)

Instructor Permission Required

NEUROBIO 335DR (0001)
Graduate Research – Miller Lab

No meeting time listed
Michael Miller

Course ID: 224960
2026 Spring (4 Credits)

Instructor Permission Required

NEUROBIO 336
Developmental Cognitive Neuroscience, Focusing Primarily on Memory and Face Processing

No meeting time listed
Charles Nelson

Course ID: 121800
2025 Fall (4 Credits)

NEUROBIO 336
Developmental Cognitive Neuroscience, Focusing Primarily on Memory and Face Processing

No meeting time listed
Charles Nelson

Course ID: 121800
2026 Spring (4 Credits)

NEUROBIO 336L

Synapse formation and refinement in the mammalian brain

No meeting time listed

Hisashi Umemori

Course ID: 156926
2025 Fall (4 Credits)

NEUROBIO 336L

Synapse formation and refinement in the mammalian brain

No meeting time listed

Hisashi Umemori

Course ID: 156926
2026 Spring (4 Credits)

NEUROBIO 337

Neurobiology of the Human Circadian Pacemaker

No meeting time listed

Charles Czeisler

Course ID: 115515
2025 Fall (4 Credits)

NEUROBIO 337

Neurobiology of the Human Circadian Pacemaker

No meeting time listed

Charles Czeisler

Course ID: 115515
2026 Spring (4 Credits)

NEUROBIO 337L

Human and primate social decision making, executing functioning and memory

No meeting time listed

Ziv Williams

Course ID: 160771
2025 Fall (4 Credits)

NEUROBIO 337L

Human and primate social decision making, executing functioning and memory

No meeting time listed

Ziv Williams

Course ID: 160771
2026 Spring (4 Credits)

Instructor Permission Required

NEUROBIO 338

Neural Circuitry of Primate Visual Cortex

No meeting time listed

Richard Born

Course ID: 116539
2025 Fall (4 Credits)

NEUROBIO 338

Neural Circuitry of Primate Visual Cortex

No meeting time listed

Richard Born

Course ID: 116539
2026 Spring (4 Credits)

NEUROBIO 338L

Molecular Biology, Genetics, & Neural Circuitry of Fear in Animals & Human Fear-Related Disorders

No meeting time listed

Kerry Ressler

Course ID: 160775
2025 Fall (4 Credits)

NEUROBIO 338L Molecular Biology, Genetics, & Neural Circuitry of Fear in Animals & Human Fear-Related Disorders <i>No meeting time listed</i> Kerry Ressler	Course ID: 160775 2026 Spring (4 Credits)
NEUROBIO 339 Synaptic and Neuronal Network Mechanisms of Learned and Innate Fear <i>No meeting time listed</i> Vadim Bolshakov	Course ID: 119841 2025 Fall (4 Credits)
NEUROBIO 339 Synaptic and Neuronal Network Mechanisms of Learned and Innate Fear <i>No meeting time listed</i> Vadim Bolshakov	Course ID: 119841 2026 Spring (4 Credits)
NEUROBIO 339L Cell-extracellular matrix interaction in brain development and malformation <i>No meeting time listed</i> Xianhua Piao	Course ID: 203215 2025 Fall (4 Credits)
NEUROBIO 339L Cell-extracellular matrix interaction in brain development and malformation <i>No meeting time listed</i> Xianhua Piao	Course ID: 203215 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
NEUROBIO 341 Cognition and Cognitive Disorders; the Role of Translational Regulation <i>No meeting time listed</i> Raymond Kelleher	Course ID: 123142 2025 Fall (4 Credits)
NEUROBIO 341 Cognition and Cognitive Disorders; the Role of Translational Regulation <i>No meeting time listed</i> Raymond Kelleher	Course ID: 123142 2026 Spring (4 Credits)
NEUROBIO 342 Neurophysiology of Visual Cortex and LGN <i>No meeting time listed</i> R. Reid	Course ID: 111946 2026 Spring (4 Credits)
NEUROBIO 342 Neurophysiology of Visual Cortex and LGN <i>No meeting time listed</i> R. Reid	Course ID: 111946 2025 Fall (4 Credits)
NEUROBIO 343 Neuronal Metabolism and Excitability; Molecular Physiology of Ion Channels	Course ID: 111077 2025 Fall (4 Credits)

No meeting time listed
Gary Yellen

NEUROBIO 343
Neuronal Metabolism and Excitability; Molecular Physiology of Ion Channels

No meeting time listed
Gary Yellen

Course ID: 111077
2026 Spring (4 Credits)

NEUROBIO 343DR (0001)
Graduate Research – Ponce Lab

No meeting time listed
Carlos Ponce

Course ID: 225018
2025 Fall (4 Credits)
Instructor Permission Required

NEUROBIO 343DR (0001)
Graduate Research – Ponce Lab

No meeting time listed
Carlos Ponce

Course ID: 225018
2026 Spring (4 Credits)
Instructor Permission Required

NEUROBIO 344
Neurobiology and Protein Biochemistry Underlying Parkinson's Disease

No meeting time listed
Matthew LaVoie

Course ID: 107634
2026 Spring (4 Credits)

NEUROBIO 344
Neurobiology and Protein Biochemistry Underlying Parkinson's Disease

No meeting time listed
Matthew LaVoie

Course ID: 107634
2025 Fall (4 Credits)

NEUROBIO 344DR (0001)
Graduate Research – Rajan Lab

No meeting time listed
Kanaka Rajan

Course ID: 225747
2025 Fall (4 Credits)
Instructor Permission Required

NEUROBIO 344DR (0001)
Graduate Research – Rajan Lab

No meeting time listed
Kanaka Rajan

Course ID: 225747
2026 Spring (4 Credits)
Instructor Permission Required

NEUROBIO 345
Molecular Basis of Neuron Glia Interactions

No meeting time listed
Gabriel Corfas

Course ID: 114397
2025 Fall (4 Credits)

NEUROBIO 345
Molecular Basis of Neuron Glia Interactions

No meeting time listed
Gabriel Corfas

Course ID: 114397
2026 Spring (4 Credits)

NEUROBIO 345DR (0001)
Graduate Research – Ferguson Lab

No meeting time listed
Brielle Ferguson

Course ID: 225752
2025 Fall (4 Credits)

Instructor Permission Required

NEUROBIO 345DR (0001)
Graduate Research – Ferguson Lab

No meeting time listed
Brielle Ferguson

Course ID: 225752
2026 Spring (4 Credits)

Instructor Permission Required

NEUROBIO 346
Visual Processing in Primates

No meeting time listed
John Assad

Course ID: 111038
2025 Fall (4 Credits)

NEUROBIO 346
Visual Processing in Primates

No meeting time listed
John Assad

Course ID: 111038
2026 Spring (4 Credits)

NEUROBIO 347
Alzheimer's Disease Research

No meeting time listed
Bradley Hyman

Course ID: 118956
2025 Fall (4 Credits)

NEUROBIO 347
Alzheimer's Disease Research

No meeting time listed
Bradley Hyman

Course ID: 118956
2026 Spring (4 Credits)

NEUROBIO 347L
Computational cognitive neuroscience of learning and memory

No meeting time listed
Samuel Gershman

Course ID: 205911
2025 Fall (4 Credits)

NEUROBIO 347L
Computational cognitive neuroscience of learning and memory

No meeting time listed
Samuel Gershman

Course ID: 205911
2026 Spring (4 Credits)

NEUROBIO 348
Neural stem cells and cerebrospinal fluid

No meeting time listed
Maria Lehtinen

Course ID: 108355
2026 Spring (4 Credits)

NEUROBIO 348
Neural stem cells and cerebrospinal fluid

No meeting time listed
Maria Lehtinen

Course ID: 108355
2025 Fall (4 Credits)

NEUROBIO 349 Olfactory and Vomeronasal Systems Molecular and Developmental Neurobiology <i>No meeting time listed</i> <i>Catherine Dulac</i>	Course ID: 115980 2025 Fall (4 Credits)
NEUROBIO 349 Olfactory and Vomeronasal Systems Molecular and Developmental Neurobiology <i>No meeting time listed</i> <i>Catherine Dulac</i>	Course ID: 115980 2026 Spring (4 Credits)
NEUROBIO 350 Development, degeneration, and circuitry of the vertebrate retina <i>No meeting time listed</i> <i>Connie Cepko</i>	Course ID: 146731 2026 Spring (4 Credits)
NEUROBIO 350 Development, degeneration, and circuitry of the vertebrate retina <i>No meeting time listed</i> <i>Connie Cepko</i>	Course ID: 146731 2025 Fall (4 Credits)
NEUROBIO 351 Neurogenetics of Disease <i>No meeting time listed</i> <i>Louis Kunkel</i>	Course ID: 112135 2026 Spring (4 Credits)
NEUROBIO 351 Neurogenetics of Disease <i>No meeting time listed</i> <i>Louis Kunkel</i>	Course ID: 112135 2025 Fall (4 Credits)
NEUROBIO 351DR (0001) Graduate Research – Farrell Lab <i>No meeting time listed</i> <i>Jordan Farrell</i>	Course ID: 226049 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
NEUROBIO 352DR (0001) Graduate Research – Wolfson Lab <i>No meeting time listed</i> <i>Rachel Wolfson</i>	Course ID: 226175 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
NEUROBIO 352L Neural circuitry of sleep and sleep disorders <i>No meeting time listed</i> <i>Thomas Scammell</i>	Course ID: 203807 2025 Fall (4 Credits)

NEUROBIO 352L

Neural circuitry of sleep and sleep disorders

No meeting time listed

Thomas Scammell

Course ID: 203807

2026 Spring (4 Credits)

Instructor Permission Required

NEUROBIO 353

Physiology, with an Emphasis on Ion Channels, Signal Transduction, and Imaging

No meeting time listed

David Clapham

Course ID: 134189

2025 Fall (4 Credits)

NEUROBIO 353

Physiology, with an Emphasis on Ion Channels, Signal Transduction, and Imaging

No meeting time listed

David Clapham

Course ID: 134189

2026 Spring (4 Credits)

NEUROBIO 354

Structural Biology of Signaling and Transport Through Biological Membranes

No meeting time listed

Rachelle Gaudet

Course ID: 123145

2025 Fall (4 Credits)

NEUROBIO 354

Structural Biology of Signaling and Transport Through Biological Membranes

No meeting time listed

Rachelle Gaudet

Course ID: 123145

2026 Spring (4 Credits)

NEUROBIO 355

A Biophysical Approach to System Function

No meeting time listed

Michael Do

Course ID: 107746

2026 Spring (4 Credits)

NEUROBIO 355

A Biophysical Approach to System Function

No meeting time listed

Michael Do

Course ID: 107746

2025 Fall (4 Credits)

NEUROBIO 356

Ion Channels in Neural Cell Membranes

No meeting time listed

David Corey

Course ID: 144968

2025 Fall (4 Credits)

NEUROBIO 356

Ion Channels in Neural Cell Membranes

No meeting time listed

David Corey

Course ID: 144968

2026 Spring (4 Credits)

NEUROBIO 357	Course ID: 123610
Experience-Dependent Neuronal Circuit Maturation and Plasticity	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Michela Fagiolini</i>	
NEUROBIO 357	Course ID: 123610
Experience-Dependent Neuronal Circuit Maturation and Plasticity	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Michela Fagiolini</i>	
NEUROBIO 358	Course ID: 121701
Neurogenetics of Human Disease	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Xandra Breakefield</i>	
NEUROBIO 358	Course ID: 121701
Neurogenetics of Human Disease	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Xandra Breakefield</i>	
NEUROBIO 358L	Course ID: 205912
Genomic analyses of brain cell function and dysfunction	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Evan Macosko</i>	
NEUROBIO 358L	Course ID: 205912
Genomic analyses of brain cell function and dysfunction	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Evan Macosko</i>	
NEUROBIO 359	Course ID: 126396
Functional and Behavioral Interrogation of Neural Circuits in the Mammalian Olfactory System	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Sandeep Datta</i>	
NEUROBIO 359	Course ID: 126396
Functional and Behavioral Interrogation of Neural Circuits in the Mammalian Olfactory System	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Sandeep Datta</i>	
NEUROBIO 360	Course ID: 119842
Neural Signal Processing and Mechanisms of General Anesthesia	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Emery Brown</i>	
NEUROBIO 360	Course ID: 119842
Neural Signal Processing and Mechanisms of General Anesthesia	2026 Spring (4 Credits)

No meeting time listed
Emery Brown

NEUROBIO 361
Immunobiology of the Nervous System and its Tumors
No meeting time listed
Lois Lampson

Course ID: 116018
2025 Fall (4 Credits)

NEUROBIO 361
Immunobiology of the Nervous System and its Tumors
No meeting time listed
Lois Lampson

Course ID: 116018
2026 Spring (4 Credits)

NEUROBIO 362
Optical Imaging in Alzheimer's Disease
No meeting time listed
Brian Bacskai

Course ID: 125535
2025 Fall (4 Credits)

NEUROBIO 362
Optical Imaging in Alzheimer's Disease
No meeting time listed
Brian Bacskai

Course ID: 125535
2026 Spring (4 Credits)

NEUROBIO 363
Axonal Development and Reorganization
No meeting time listed
Larry Benowitz

Course ID: 120337
2025 Fall (4 Credits)

NEUROBIO 363
Axonal Development and Reorganization
No meeting time listed
Larry Benowitz

Course ID: 120337
2026 Spring (4 Credits)

NEUROBIO 363L
The genetics, biochemistry and physiology of forebrain inhibition
No meeting time listed
Gord Fishell

Course ID: 205895
2025 Fall (4 Credits)

NEUROBIO 363L
The genetics, biochemistry and physiology of forebrain inhibition
No meeting time listed
Gord Fishell

Course ID: 205895
2026 Spring (4 Credits)

NEUROBIO 364
hypothalamic circuitry controlling sleep and circadian rhythms
No meeting time listed
Clifford Saper

Course ID: 131279
2026 Spring (4 Credits)

NEUROBIO 364	Course ID: 131279
hypothalamic circuitry controlling sleep and circadian rhythms	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Clifford Saper</i>	
NEUROBIO 365	Course ID: 121799
Behavioral Pharmacology of Stimulant Drugs and Brain Dopamine Systems	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Barak Caine</i>	
NEUROBIO 365	Course ID: 121799
Behavioral Pharmacology of Stimulant Drugs and Brain Dopamine Systems	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Barak Caine</i>	
NEUROBIO 367	Course ID: 113770
Neocortical Development and Regeneration	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Jeffrey Macklis</i>	
NEUROBIO 367	Course ID: 113770
Neocortical Development and Regeneration	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Jeffrey Macklis</i>	
NEUROBIO 369L	Course ID: 203815
Statistical neuronal computations underlying complex decisions and behavior under uncertainty	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Jan Drugowitsch</i>	
NEUROBIO 369L	Course ID: 203815
Statistical neuronal computations underlying complex decisions and behavior under uncertainty	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Jan Drugowitsch</i>	
NEUROBIO 370	Course ID: 118843
Genetic and Molecular Studies of Neurodegenerative Diseases	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Rudolph Tanzi</i>	
NEUROBIO 370	Course ID: 118843
Genetic and Molecular Studies of Neurodegenerative Diseases	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Rudolph Tanzi</i>	

NEUROBIO 371 Sensory Neuron Development and Sleep Using Genetics and Live Imaging in Zebrafish <i>No meeting time listed</i> <i>Alexander Schier</i>	Course ID: 123147 2025 Fall (4 Credits)
NEUROBIO 371 Sensory Neuron Development and Sleep Using Genetics and Live Imaging in Zebrafish <i>No meeting time listed</i> <i>Alexander Schier</i>	Course ID: 123147 2026 Spring (4 Credits)
NEUROBIO 372 Neurotransmitter Control of Ion Channels <i>No meeting time listed</i> <i>Bruce Bean</i>	Course ID: 112805 2026 Spring (4 Credits)
NEUROBIO 372 Neurotransmitter Control of Ion Channels <i>No meeting time listed</i> <i>Bruce Bean</i>	Course ID: 112805 2025 Fall (4 Credits)
NEUROBIO 374 Molecular Basis of Alzheimer's Disease & Parkinson's Disease <i>No meeting time listed</i> <i>Jie Shen</i>	Course ID: 112852 2026 Spring (4 Credits)
NEUROBIO 374 Molecular Basis of Alzheimer's Disease & Parkinson's Disease <i>No meeting time listed</i> <i>Jie Shen</i>	Course ID: 112852 2025 Fall (4 Credits)
NEUROBIO 375 Graduate Research – Murthy Lab <i>No meeting time listed</i> <i>Venkatesh Murthy</i>	Course ID: 112850 2026 Spring (4 Credits)
NEUROBIO 375 Graduate Research – Murthy Lab <i>No meeting time listed</i> <i>Venkatesh Murthy</i>	Course ID: 112850 2025 Fall (4 Credits)
NEUROBIO 375L Deep phenotyping in mental illness <i>No meeting time listed</i> <i>Justin Baker</i>	Course ID: 208292 2026 Spring (2 Credits)
NEUROBIO 375L Deep phenotyping in mental illness	Course ID: 208292 2025 Fall (2 Credits)

No meeting time listed
Justin Baker

NEUROBIO 376
Genetics of Neuronal Cell Biology
No meeting time listed
Thomas Schwarz

Course ID: 115462
2025 Fall (4 Credits)

NEUROBIO 376
Genetics of Neuronal Cell Biology
No meeting time listed
Thomas Schwarz

Course ID: 115462
2026 Spring (4 Credits)

NEUROBIO 377
Physiological Studies of Phototransduction and Light Adaptation
No meeting time listed
Clint Makino

Course ID: 116020
2025 Fall (4 Credits)

NEUROBIO 377
Physiological Studies of Phototransduction and Light Adaptation
No meeting time listed
Clint Makino

Course ID: 116020
2026 Spring (4 Credits)

NEUROBIO 377L
Structure, function, and development of neuronal networks
No meeting time listed
Wei-Chung Lee

Course ID: 205935
2025 Fall (4 Credits)

NEUROBIO 377L
Structure, function, and development of neuronal networks
No meeting time listed
Wei-Chung Lee

Course ID: 205935
2026 Spring (4 Credits)

NEUROBIO 378
Neuronal Mechanisms and Animal Behavior
No meeting time listed
Naoshige Uchida

Course ID: 123148
2025 Fall (4 Credits)

NEUROBIO 378
Neuronal Mechanisms and Animal Behavior
No meeting time listed
Naoshige Uchida

Course ID: 123148
2026 Spring (4 Credits)

NEUROBIO 379
Growth Factor Regulation of Neural Development and Oncogenesis
No meeting time listed
Scott Pomeroy

Course ID: 116022
2025 Fall (4 Credits)

NEUROBIO 379

Growth Factor Regulation of Neural Development and Oncogenesis

No meeting time listed

Scott Pomeroy

Course ID: 116022
2026 Spring (4 Credits)

NEUROBIO 380

Functional Wiring of the Rabbit Retina, Control of Postnatal Development

No meeting time listed

Elio Raviola

Course ID: 116024
2025 Fall (4 Credits)

NEUROBIO 380

Functional Wiring of the Rabbit Retina, Control of Postnatal Development

No meeting time listed

Elio Raviola

Course ID: 116024
2026 Spring (4 Credits)

NEUROBIO 381

Glutamate Transporters, Cell Death, Sleep/Wake Regulation

No meeting time listed

Paul Rosenberg

Course ID: 116025
2025 Fall (4 Credits)

NEUROBIO 381

Glutamate Transporters, Cell Death, Sleep/Wake Regulation

No meeting time listed

Paul Rosenberg

Course ID: 116025
2026 Spring (4 Credits)

NEUROBIO 382

Hypothalamus and Melanin Concentrating Hormone in the Regulation of Energy Homeostasis

No meeting time listed

Eleftheria Maratos-Flier

Course ID: 117277
2025 Fall (4 Credits)

NEUROBIO 382

Hypothalamus and Melanin Concentrating Hormone in the Regulation of Energy Homeostasis

No meeting time listed

Eleftheria Maratos-Flier

Course ID: 117277
2026 Spring (4 Credits)

NEUROBIO 383

Role of the Basal Ganglia in Learning and Motivation

No meeting time listed

Emad Eskandar

Course ID: 125277
2025 Fall (4 Credits)

NEUROBIO 383

Role of the Basal Ganglia in Learning and Motivation

No meeting time listed

Emad Eskandar

Course ID: 125277
2026 Spring (4 Credits)

NEUROBIO 385
**Mammalian Gap Junctions, Inhibitory Neuronal Networks, and
Corticothalamic Processing**

No meeting time listed
Carole Landisman

Course ID: 124147
2025 Fall (4 Credits)

NEUROBIO 385
**Mammalian Gap Junctions, Inhibitory Neuronal Networks, and
Corticothalamic Processing**

No meeting time listed
Carole Landisman

Course ID: 124147
2026 Spring (4 Credits)

NEUROBIO 386
Changes in Sensory Neurons that Contribute to Pain

No meeting time listed
Clifford Woolf

Course ID: 116029
2025 Fall (4 Credits)

NEUROBIO 386
Changes in Sensory Neurons that Contribute to Pain

No meeting time listed
Clifford Woolf

Course ID: 116029
2026 Spring (4 Credits)

NEUROBIO 387
Modulation and Plasticity of Auditory Processing

No meeting time listed
Daniel Polley

Course ID: 127406
2025 Fall (4 Credits)

NEUROBIO 387
Modulation and Plasticity of Auditory Processing

No meeting time listed
Daniel Polley

Course ID: 127406
2026 Spring (4 Credits)

NEUROBIO 388L
Therapeutic and diagnostic stem cells for neurological disorders

No meeting time listed
Khalid Shah

Course ID: 203796
2025 Fall (4 Credits)

NEUROBIO 388L
Therapeutic and diagnostic stem cells for neurological disorders

No meeting time listed
Khalid Shah

Course ID: 203796
2026 Spring (4 Credits)
Instructor Permission Required

NEUROBIO 389L
**Enteric nervous system regulation of gastrointestinal and metabolic
homeostasis**

No meeting time listed
Meenakshi Rao

Course ID: 213724
2025 Fall (4 Credits)

NEUROBIO 389L Enteric nervous system regulation of gastrointestinal and metabolic homeostasis <i>No meeting time listed</i> Meenakshi Rao	Course ID: 213724 2026 Spring (4 Credits)
NEUROBIO 390 Mechanisms of Synapse Regulation <i>No meeting time listed</i> Bernardo Sabatini	Course ID: 117279 2025 Fall (4 Credits)
NEUROBIO 390 Mechanisms of Synapse Regulation <i>No meeting time listed</i> Bernardo Sabatini	Course ID: 117279 2026 Spring (4 Credits)
NEUROBIO 390L Mechanisms of spinal plasticity and motor control in humans <i>No meeting time listed</i> Randy Trumbower	Course ID: 213725 2025 Fall (4 Credits)
NEUROBIO 390L Mechanisms of spinal plasticity and motor control in humans <i>No meeting time listed</i> Randy Trumbower	Course ID: 213725 2026 Spring (4 Credits)
NEUROBIO 391 The Biology and Experimental Therapeutics of Malignant Brain Tumors <i>No meeting time listed</i> E. Chiocca	Course ID: 110231 2026 Spring (4 Credits)
NEUROBIO 391 The Biology and Experimental Therapeutics of Malignant Brain Tumors <i>No meeting time listed</i> E. Chiocca	Course ID: 110231 2025 Fall (4 Credits)
NEUROBIO 391L Sensory Biology and Cell Physiology <i>No meeting time listed</i> Nicholas Bellono	Course ID: 214425 2025 Fall (4 Credits)
NEUROBIO 391L Sensory Biology and Cell Physiology <i>No meeting time listed</i> Nicholas Bellono	Course ID: 214425 2026 Spring (4 Credits)
NEUROBIO 392 Synaptic Plasticity in the CNS <i>No meeting time listed</i>	Course ID: 117281 2025 Fall (4 Credits)

NEUROBIO 392
Synaptic Plasticity in the CNS

No meeting time listed
Chinfei Chen

Course ID: 117281
2026 Spring (4 Credits)

NEUROBIO 392L
Development, Function and Dysfunction of the Somatosensory System

No meeting time listed
Lauren Orefice

Course ID: 214428
2025 Fall (4 Credits)

NEUROBIO 392L
Development, Function and Dysfunction of the Somatosensory System

No meeting time listed
Lauren Orefice

Course ID: 214428
2026 Spring (4 Credits)

NEUROBIO 393
Cranial axon growth and guidance

No meeting time listed
Elizabeth Engle

Course ID: 117282
2025 Fall (4 Credits)

NEUROBIO 393
Cranial axon growth and guidance

No meeting time listed
Elizabeth Engle

Course ID: 117282
2026 Spring (4 Credits)

NEUROBIO 394
Human Memory Processing and Brain State

No meeting time listed
Edwin Robertson

Course ID: 126787
2025 Fall (4 Credits)

NEUROBIO 394
Human Memory Processing and Brain State

No meeting time listed
Edwin Robertson

Course ID: 126787
2026 Spring (4 Credits)

NEUROBIO 394L
Circadian rhythms and translational control in neurological diseases of the developing brain

No meeting time listed
Jonathan Lipton

Course ID: 215783
2026 Spring (4 Credits)

NEUROBIO 394L
Circadian rhythms and translational control in neurological diseases of the developing brain

No meeting time listed
Jonathan Lipton

Course ID: 215783
2025 Fall (4 Credits)

NEUROBIO 395 Neuron-Glia Interactions During Development & Disease; Synapse Development & Plasticity; Neuro-Immun <i>No meeting time listed</i> <i>Beth Stevens</i>	Course ID: 125468 2025 Fall (4 Credits)
NEUROBIO 395 Neuron-Glia Interactions During Development & Disease; Synapse Development & Plasticity; Neuro-Immun <i>No meeting time listed</i> <i>Beth Stevens</i>	Course ID: 125468 2026 Spring (4 Credits)
NEUROBIO 395L Human neurodevelopmental disorders: genetics and neurobiology <i>No meeting time listed</i> <i>Tim Yu</i>	Course ID: 215787 2026 Spring (4 Credits)
NEUROBIO 395L Human neurodevelopmental disorders: genetics and neurobiology <i>No meeting time listed</i> <i>Tim Yu</i>	Course ID: 215787 2025 Fall (4 Credits)
NEUROBIO 396 Critical Period Mechanisms of Experience-Dependent Brain Development <i>No meeting time listed</i> <i>Takao Hensch</i>	Course ID: 124248 2025 Fall (4 Credits)
NEUROBIO 396 Critical Period Mechanisms of Experience-Dependent Brain Development <i>No meeting time listed</i> <i>Takao Hensch</i>	Course ID: 124248 2026 Spring (4 Credits)
NEUROBIO 397 Nervous System Construction and Function <i>No meeting time listed</i> <i>Sam Kunes</i>	Course ID: 118841 2025 Fall (4 Credits)
NEUROBIO 397 Nervous System Construction and Function <i>No meeting time listed</i> <i>Sam Kunes</i>	Course ID: 118841 2026 Spring (4 Credits)
NEUROBIO 398 HSV Vectors for Cancer Therapy <i>No meeting time listed</i> <i>Samuel Rabkin</i>	Course ID: 118842 2026 Spring (4 Credits)
NEUROBIO 399 Neurocircuits Thought to Regulate Metabolism and Behavior	Course ID: 123143 2025 Fall (4 Credits)

No meeting time listed
Bradford Lowell

NEUROBIO 399
Neurocircuits Thought to Regulate Metabolism and Behavior
No meeting time listed
Bradford Lowell

Course ID: 123143
2026 Spring (4 Credits)

Immunology

IMMUN 201

Advanced Topics in Immunology

TR 0130 PM - 0430 PM

Thorsten Mempel, Daniel Dwyer

Course ID: 148547
2025 Fall (4 Credits)

Instructor Permission Required

This course provides an intensive and in-depth examination of a selection of fundamental concepts in immunology. It takes advantage of the unique expertise of members of our Immunology faculty to illustrate how these concepts have been established and continue to be developed based on seminal work in the field including contributions from their own laboratories.

Course Note: Intended for students who have had prior exposure to immunology on the undergraduate level. In the absence of such exposure, students must obtain the permission of the Course Director.

A background in genetics and biochemistry strongly recommended.

FAS Divisional Distribution: None

IMMUN 202

Immune and Inflammatory Diseases

TR 0130 PM - 0330 PM

Wendy Garrett

Course ID: 148503
2026 Spring (4 Credits)

Instructor Permission Required

IMMUN 202 builds on IMMUN 201 and explores fundamental principles of immunology in the context of immune and inflammatory diseases. Through a series of lectures and discussion, students will survey a broad range of diseases in which the immune system is essential. Topics will include not only diseases that mobilize classical immunity but also conditions to which we now know the immune systems contributes. Students will use oral (paper discussions) and written exercises (problem sets) to learn how to critically evaluate and synthesize major concepts and tools essential for the study of immunology.

Immunology 201 or its equivalent.

FAS Divisional Distribution: None

IMMUN 203

Advances in Immunology

T 0200 PM - 0300 PM

Daniel Lingwood

Course ID: 215751
2026 Spring (4 Credits)

Instructor Permission Required

Semester long course, intended for graduate students at Harvard and MIT, jointly taught by Harvard and MIT faculty members at the Ragon Institute of MGH, MIT, and Harvard.

Students should have completed or be concurrently enrolled in a basic immunology course.

FAS Divisional Distribution: Science & Engineering & Applied Science

IMMUN 204

Critical Readings for Immunology

R 1000 AM - 0100 PM

Duane Wesemann

Course ID: 143254
2026 Spring (4 Credits)

Original research articles from fields including immunology, biochemistry, genetics, and cell and developmental biology will be critically analyzed in an intensive small group format. Grading will be based on class participation and oral presentations.

Course Note: Required for first-year immunology students, open to second-year immunology students. No auditors.

FAS Divisional Distribution: None

IMMUN 301
Immunology Seminar
W 0400 PM - 0515 PM
Shiv Pillai, Peter Sage

Course ID: 142204
2025 Fall (4 Credits)
Instructor Permission Required

IMMUN 301
Immunology Seminar
W 1200 PM - 0100 PM
Shiv Pillai, Peter Sage

Course ID: 142204
2026 Spring (4 Credits)
Instructor Permission Required

IMMUN 301QC (0001)
Autoimmunity
M 0400 PM - 0500 PM
Francisco Quintana

Course ID: 146257
2026 Spring (2 Credits)

IMMUN 302
Innate and Adaptive Immune Inflammation in Allergic and Asthmatic Models
No meeting time listed
K Austen

Course ID: 131252
2026 Spring (4 Credits)

IMMUN 302
Innate and Adaptive Immune Inflammation in Allergic and Asthmatic Models
No meeting time listed
K Austen

Course ID: 131252
2025 Fall (4 Credits)

IMMUN 303
Immunity to Tuberculosis
No meeting time listed
Samuel Behar

Course ID: 143100
2025 Fall (4 Credits)

IMMUN 303
Immunity to Tuberculosis
No meeting time listed
Samuel Behar

Course ID: 143100
2026 Spring (4 Credits)

IMMUN 304
Innate Immunity and Host-Pathogen Interactions
No meeting time listed
Lynda Stuart

Course ID: 130326
2025 Fall (4 Credits)

IMMUN 304
Innate Immunity and Host-Pathogen Interactions
No meeting time listed
Lynda Stuart

Course ID: 130326
2026 Spring (4 Credits)

IMMUN 305 T-cell Immunology - Tolerance, transplantation, Autoimmunity <i>No meeting time listed</i> <i>Laurence Turka</i>	Course ID: 146635 2026 Spring (4 Credits)
IMMUN 305 T-cell Immunology - Tolerance, transplantation, Autoimmunity <i>No meeting time listed</i> <i>Laurence Turka</i>	Course ID: 146635 2025 Fall (4 Credits)
IMMUN 305QC Neuroimmune interactions in health and disease F 0130 PM - 0330 PM <i>Isaac Chiu, Jun Huh</i>	Course ID: 130342 2026 Spring (2 Credits)
IMMUN 307QC Cancer Immunology M 0400 PM - 0600 PM <i>Kai Wucherpfennig, Stephanie Dougan, Philip Kranzusch, Judith Agudo, Judith Agudo</i> <p>There have been many exciting recent developments in the cancer immunology field, and multiple therapeutic approaches have shown efficacy against diverse types of cancer. This course will emphasize new mechanistic insights, specifically on the following topics: mechanisms of spontaneous protective anti-tumor immunity; key effector cell populations of anti-tumor immunity; innate immune pathways in tumor immunity; inflammation and tumor microenvironment; immunosuppressive mechanisms in tumor immunity; targeting of inhibitory receptors; cancer vaccines.</p> <p><i>Course Note: Must be PhD student at Harvard or postdoctoral fellow.</i></p> <p>FAS Divisional Distribution: None</p>	Course ID: 130614 2025 Fall (2 Credits) <i>Instructor Permission Required</i>
IMMUN 308 Cell Signaling in Innate Immunity <i>No meeting time listed</i> <i>Hongbo Luo</i>	Course ID: 156742 2025 Fall (4 Credits)
IMMUN 308 Cell Signaling in Innate Immunity <i>No meeting time listed</i> <i>Hongbo Luo</i>	Course ID: 156742 2026 Spring (4 Credits)
IMMUN 309 Molecular Aspects of Lymphocyte Interactions <i>No meeting time listed</i> <i>Cornelis Terhorst</i>	Course ID: 134828 2025 Fall (4 Credits)
IMMUN 309 Molecular Aspects of Lymphocyte Interactions <i>No meeting time listed</i> <i>Cornelis Terhorst</i>	Course ID: 134828 2026 Spring (4 Credits)

IMMUN 310 Responses Mediated by Innate and Adaptive Immune Cells in Cancer and other Inflammatory Disorders <i>No meeting time listed</i> Mikael Pittet	Course ID: 130018 2026 Spring (4 Credits)
IMMUN 310 Responses Mediated by Innate and Adaptive Immune Cells in Cancer and other Inflammatory Disorders <i>No meeting time listed</i> Mikael Pittet	Course ID: 130018 2025 Fall (4 Credits)
IMMUN 312 Interplay Between the Innate Immune System and Gut Microbial Communities <i>No meeting time listed</i> Wendy Garrett	Course ID: 148325 2025 Fall (4 Credits)
IMMUN 312 Interplay Between the Innate Immune System and Gut Microbial Communities <i>No meeting time listed</i> Wendy Garrett	Course ID: 148325 2026 Spring (4 Credits)
IMMUN 315 Immunoregulation <i>No meeting time listed</i> Martin Dorf	Course ID: 142715 2025 Fall (4 Credits)
IMMUN 315 Immunoregulation <i>No meeting time listed</i> Martin Dorf	Course ID: 142715 2026 Spring (4 Credits)
IMMUN 316 Molecular Basis of Immunologic Recognition and Communication <i>No meeting time listed</i> Harvey Cantor	Course ID: 131598 2026 Spring (4 Credits)
IMMUN 316 Molecular Basis of Immunologic Recognition and Communication <i>No meeting time listed</i> Harvey Cantor	Course ID: 131598 2025 Fall (4 Credits)
IMMUN 317 Molecular Biology of Receptor Transduction in the Immune System <i>No meeting time listed</i> Brian Seed	Course ID: 148052 2025 Fall (4 Credits)

IMMUN 317 Molecular Biology of Receptor Transduction in the Immune System <i>No meeting time listed</i> <i>Brian Seed</i>	Course ID: 148052 2026 Spring (4 Credits)
IMMUN 318 Mechanisms of Antigen Presentation and Cellular Immunology <i>No meeting time listed</i> <i>Florian Winau</i>	Course ID: 130017 2026 Spring (4 Credits)
IMMUN 318 Mechanisms of Antigen Presentation and Cellular Immunology <i>No meeting time listed</i> <i>Florian Winau</i>	Course ID: 130017 2025 Fall (4 Credits)
IMMUN 319 Molecular Basis of Cell Adhesion and Migration <i>No meeting time listed</i> <i>Timothy Springer</i>	Course ID: 131509 2026 Spring (4 Credits)
IMMUN 319 Molecular Basis of Cell Adhesion and Migration <i>No meeting time listed</i> <i>Timothy Springer</i>	Course ID: 131509 2025 Fall (4 Credits)
IMMUN 319QC (0001) Mechanisms and therapeutics of inflammation and resolution R 1000 AM - 1200 PM <i>Timothy Hla</i> <p>Physiologic inflammation is followed by active resolution mechanisms to return the tissues to normal homeostasis. Uncontrolled inflammation and/or defective resolution mechanisms lead to many diseases, including asthma, fibrosis, cancer, autoimmunity, neurodegeneration and cardiovascular diseases. This course will cover multicellular interaction networks that involve immune, vascular and parenchymal cells, lipid mediators, signaling pathways and organ system-specific mechanisms. Discrete lipid mediator networks, namely, eicosanoids, SPMs, S1P, and LPA that are therapeutically employed to treat diseases will be highlighted. In addition, development of novel therapeutics to control inflammatory and resolution pathology will be discussed. The course will have an hour of didactic lectures given by expert faculty. The second hour will feature a student-led discussion of a recent journal article in the area of the lecture. Students will also have an opportunity for synthesizing the lecture and/or the journal club in a social media format (i.e. Tweetorial, You Tube video, minipodcast) for the purpose of communication/ dissemination of scientific information.</p> <i>Course Note: This course includes a discussion component. Any additional details about this component will be provided by the course faculty.</i>	Course ID: 218590 2025 Fall (2 Credits)
FAS Divisional Distribution: None	
IMMUN 320 Cell Adhesion in Vascular Biology and Innate Immunity <i>No meeting time listed</i> <i>Denisa Wagner</i>	Course ID: 146636 2026 Spring (4 Credits)
IMMUN 320 Cell Adhesion in Vascular Biology and Innate Immunity	Course ID: 146636 2025 Fall (4 Credits)

No meeting time listed
Denisa Wagner

IMMUN 320L
The Study of Human Tissue Resident T Cells
No meeting time listed
Rachael Clark

Course ID: 130340
2025 Fall (4 Credits)

IMMUN 320L
The Study of Human Tissue Resident T Cells
No meeting time listed
Rachael Clark

Course ID: 130340
2026 Spring (4 Credits)

IMMUN 321
Functional Memory T Cells
No meeting time listed
William Haining

Course ID: 146443
2025 Fall (4 Credits)

IMMUN 321
Functional Memory T Cells
No meeting time listed
William Haining

Course ID: 146443
2026 Spring (4 Credits)

IMMUN 321L
Molecular Mechanism of Immunity to Fungal Pathogens
No meeting time listed
Jatin Vyas

Course ID: 146650
2025 Fall (4 Credits)

IMMUN 321L
Molecular Mechanism of Immunity to Fungal Pathogens
No meeting time listed
Jatin Vyas

Course ID: 146650
2026 Spring (4 Credits)

IMMUN 322
Systems Approaches to Innate and Adaptive Immunity; Functional Genomics of Complex Disease Genetics
No meeting time listed
Ramnik Xavier

Course ID: 146251
2025 Fall (4 Credits)

IMMUN 322
Systems Approaches to Innate and Adaptive Immunity; Functional Genomics of Complex Disease Genetics
No meeting time listed
Ramnik Xavier

Course ID: 146251
2026 Spring (4 Credits)

IMMUN 322L
Molecular and Cellular Analysis of Primary Immunodeficiencies
No meeting time listed
Luigi Notarangelo

Course ID: 130341
2025 Fall (4 Credits)

IMMUN 322L Molecular and Cellular Analysis of Primary Immunodeficiencies <i>No meeting time listed</i> <i>Luigi Notarangelo</i>	Course ID: 130341 2026 Spring (4 Credits)
IMMUN 324 Systems Immunology of Tolerance and Autoimmunity <i>No meeting time listed</i> <i>Christophe Benoist</i>	Course ID: 142667 2025 Fall (4 Credits)
IMMUN 324 Systems Immunology of Tolerance and Autoimmunity <i>No meeting time listed</i> <i>Christophe Benoist</i>	Course ID: 142667 2026 Spring (4 Credits)
IMMUN 324L T-cell Sensitization and Immunoregulation in Ocular Allo- and Autoimmunity <i>No meeting time listed</i> <i>Reza Dana</i>	Course ID: 130344 2025 Fall (4 Credits)
IMMUN 324L T-cell Sensitization and Immunoregulation in Ocular Allo- and Autoimmunity <i>No meeting time listed</i> <i>Reza Dana</i>	Course ID: 130344 2026 Spring (4 Credits)
IMMUN 325 Immune Cell Interactions Controlling T Cell Effector Function <i>No meeting time listed</i> <i>Thorsten Mempel</i>	Course ID: 145418 2025 Fall (4 Credits)
IMMUN 325 Immune Cell Interactions Controlling T Cell Effector Function <i>No meeting time listed</i> <i>Thorsten Mempel</i>	Course ID: 145418 2026 Spring (4 Credits)
IMMUN 325L Mechanisms of Peripheral Tolerance and their Breakdown in Allergic and Autoimmune Diseases <i>No meeting time listed</i> <i>Talal Chatila</i>	Course ID: 146652 2025 Fall (4 Credits)
IMMUN 325L Mechanisms of Peripheral Tolerance and their Breakdown in Allergic and Autoimmune Diseases <i>No meeting time listed</i> <i>Talal Chatila</i>	Course ID: 146652 2026 Spring (4 Credits)

IMMUN 326 Human T-cell Antigen Receptor; Human Lymphocyte Differentiation Antigens; TCR; Thymic Development; P <i>No meeting time listed</i> Ellis Reinherz	Course ID: 143671 2025 Fall (4 Credits)
IMMUN 326 Human T-cell Antigen Receptor; Human Lymphocyte Differentiation Antigens; TCR; Thymic Development; P <i>No meeting time listed</i> Ellis Reinherz	Course ID: 143671 2026 Spring (4 Credits)
IMMUN 326L Mechanistic Elucidation of Immune Signaling <i>No meeting time listed</i> Hao Wu	Course ID: 130345 2025 Fall (4 Credits)
IMMUN 326L Mechanistic Elucidation of Immune Signaling <i>No meeting time listed</i> Hao Wu	Course ID: 130345 2026 Spring (4 Credits)
IMMUN 327L Phagocyte-endothelial Cell Responses in Inflammation <i>No meeting time listed</i> Tanya Mayadas	Course ID: 130343 2025 Fall (4 Credits)
IMMUN 327L Phagocyte-endothelial Cell Responses in Inflammation <i>No meeting time listed</i> Tanya Mayadas	Course ID: 130343 2026 Spring (4 Credits)
IMMUN 328R Introduction to Research <i>No meeting time listed</i> Shiv Pillai	Course ID: 142714 2025 Fall (4 Credits)
IMMUN 328R Introduction to Research <i>No meeting time listed</i> Shiv Pillai	Course ID: 142714 2026 Spring (4 Credits)
IMMUN 329 Basic and Clinical Mechanisms of Autoimmunity <i>No meeting time listed</i> Howard Weiner	Course ID: 133227 2026 Spring (4 Credits)

IMMUN 329	Course ID: 133227
Basic and Clinical Mechanisms of Autoimmunity	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Howard Weiner</i>	
IMMUN 329L	Course ID: 130457
Examining the Interplay of Inflammation and Glycosylation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Robert Anthony</i>	
IMMUN 329L	Course ID: 130457
Examining the Interplay of Inflammation and Glycosylation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Robert Anthony</i>	
IMMUN 330	Course ID: 148215
Molecular Aspects of Mast Cells - Mediated Immune Responses	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Richard Stevens</i>	
IMMUN 330	Course ID: 148215
Molecular Aspects of Mast Cells - Mediated Immune Responses	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Richard Stevens</i>	
IMMUN 330L	Course ID: 130514
CD4+ T Cell Tolerance	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>James Moon</i>	
IMMUN 330L	Course ID: 130514
CD4+ T Cell Tolerance	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>James Moon</i>	
IMMUN 331	Course ID: 143527
Lymphoid Organs	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Joan Stein-Streilein</i>	
IMMUN 331	Course ID: 143527
Lymphoid Organs	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Joan Stein-Streilein</i>	
IMMUN 331L	Course ID: 160772
Immune Regulation of Cancer	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Shadmehr Demehri</i>	

IMMUN 331L
Immune Regulation of Cancer

No meeting time listed
Shadmehr Demehri

Course ID: 160772
2026 Spring (4 Credits)

Instructor Permission Required

IMMUN 332
The Role of Cysteinyl Leukotrienes and their Receptors in Pulmonary Inflammation and Fibrosis

No meeting time listed
Yoshihide Kanaoka

Course ID: 144366
2025 Fall (4 Credits)

IMMUN 332
The Role of Cysteinyl Leukotrienes and their Receptors in Pulmonary Inflammation and Fibrosis

No meeting time listed
Yoshihide Kanaoka

Course ID: 144366
2026 Spring (4 Credits)

IMMUN 334
Understanding the Mechanisms of Pathogen-sensing by the Innate Immune System

No meeting time listed
Terry Means

Course ID: 146383
2025 Fall (4 Credits)

IMMUN 334
Understanding the Mechanisms of Pathogen-sensing by the Innate Immune System

No meeting time listed
Terry Means

Course ID: 146383
2026 Spring (4 Credits)

IMMUN 335
Neuro-immunology of Pain and Host Defense

No meeting time listed
Isaac Chiu

Course ID: 160760
2025 Fall (4 Credits)

IMMUN 335
Neuro-immunology of Pain and Host Defense

No meeting time listed
Isaac Chiu

Course ID: 160760
2026 Spring (4 Credits)

Instructor Permission Required

IMMUN 335DR
Graduate Research – Sokol Lab

No meeting time listed
Caroline Sokol

Course ID: 217878
2026 Spring (4 Credits)

Instructor Permission Required

IMMUN 335DR
Graduate Research – Sokol Lab

No meeting time listed
Caroline Sokol

Course ID: 217878
2025 Fall (4 Credits)

Instructor Permission Required

IMMUN 336 T-Lymphocyte Recognition <i>No meeting time listed</i> Michael Brenner	Course ID: 144165 2025 Fall (4 Credits)
IMMUN 336 T-Lymphocyte Recognition <i>No meeting time listed</i> Michael Brenner	Course ID: 144165 2026 Spring (4 Credits)
IMMUN 336DR Graduate Research-Manguso Lab <i>No meeting time listed</i> Robert Manguso	Course ID: 217884 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
IMMUN 336DR Graduate Research-Manguso Lab <i>No meeting time listed</i> Robert Manguso	Course ID: 217884 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
IMMUN 338DR Graduate Research – Lynch Lab <i>No meeting time listed</i> Lydia Lynch	Course ID: 219994 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
IMMUN 339 Function and Regulation of Cellular Adhesion Mechanisms <i>No meeting time listed</i> Martin Hemler	Course ID: 144591 2025 Fall (4 Credits)
IMMUN 339 Function and Regulation of Cellular Adhesion Mechanisms <i>No meeting time listed</i> Martin Hemler	Course ID: 144591 2026 Spring (4 Credits)
IMMUN 339DR Graduate Research – Quintana Lab <i>No meeting time listed</i> Francisco Quintana	Course ID: 219995 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
IMMUN 339DR Graduate Research – Quintana Lab <i>No meeting time listed</i> Francisco Quintana	Course ID: 219995 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
IMMUN 340DR Graduate Research – Nowarski Lab <i>No meeting time listed</i>	Course ID: 219996 2026 Spring (4 Credits) <i>Instructor Permission Required</i>

IMMUN 340DR

Graduate Research – Nowarski Lab

No meeting time listed

Roni Nowarski

Course ID: 219996

2025 Fall (4 Credits)

Instructor Permission Required

IMMUN 341

Gene Regulation in Normal and Leukemic Stem Cells

No meeting time listed

Daniel Tenen

Course ID: 144368

2025 Fall (4 Credits)

IMMUN 341

Gene Regulation in Normal and Leukemic Stem Cells

No meeting time listed

Daniel Tenen

Course ID: 144368

2026 Spring (4 Credits)

IMMUN 341DR (0001)

Graduate Research - Barbie Lab

No meeting time listed

David Barbie

Course ID: 220849

2025 Fall (4 Credits)

Instructor Permission Required

IMMUN 341DR (0001)

Graduate Research - Barbie Lab

No meeting time listed

David Barbie

Course ID: 220849

2026 Spring (4 Credits)

Instructor Permission Required

IMMUN 342DR (0001)

Graduate Research – Dunn Lab

No meeting time listed

Gavin Dunn

Course ID: 221587

2025 Fall (4 Credits)

Instructor Permission Required

IMMUN 342DR (0001)

Graduate Research – Dunn Lab

No meeting time listed

Gavin Dunn

Course ID: 221587

2026 Spring (4 Credits)

Instructor Permission Required

IMMUN 343

The Regulation of Eicosanoid Generation

No meeting time listed

Jonathan Arm

Course ID: 148188

2025 Fall (4 Credits)

IMMUN 343

The Regulation of Eicosanoid Generation

No meeting time listed

Jonathan Arm

Course ID: 148188

2026 Spring (4 Credits)

IMMUN 343DR (0001) Graduate Research – Romee Lab <i>No meeting time listed</i> <i>Rizwan Romee</i>	Course ID: 221593 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
IMMUN 343DR (0001) Graduate Research – Romee Lab <i>No meeting time listed</i> <i>Rizwan Romee</i>	Course ID: 221593 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
IMMUN 344 Genetic Analysis of Lymphocyte Development and Nuclear Oncogene Function <i>No meeting time listed</i> <i>Frederick Alt</i>	Course ID: 143482 2025 Fall (4 Credits)
IMMUN 344 Genetic Analysis of Lymphocyte Development and Nuclear Oncogene Function <i>No meeting time listed</i> <i>Frederick Alt</i>	Course ID: 143482 2026 Spring (4 Credits)
IMMUN 344DR (0001) Graduate Research – Mills lab <i>No meeting time listed</i> <i>Evanna Mills</i>	Course ID: 221765 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
IMMUN 344DR (0001) Graduate Research – Mills lab <i>No meeting time listed</i> <i>Evanna Mills</i>	Course ID: 221765 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
IMMUN 345 Assembly and Function of pre-B Cell-fate and B Lymphocyte Antigen Receptors <i>No meeting time listed</i> <i>Shiv Pillai</i>	Course ID: 145022 2025 Fall (4 Credits)
IMMUN 345 Assembly and Function of pre-B Cell-fate and B Lymphocyte Antigen Receptors <i>No meeting time listed</i> <i>Shiv Pillai</i>	Course ID: 145022 2026 Spring (4 Credits)
IMMUN 345DR Graduate Research – Sen Lab <i>No meeting time listed</i> <i>Debattama Sen</i>	Course ID: 221980 2026 Spring (4 Credits) <i>Instructor Permission Required</i>

IMMUN 345DR Graduate Research – Sen Lab <i>No meeting time listed</i> <i>Debattama Sen</i>	Course ID: 221980 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
IMMUN 346 Trafficking of Antigen in Lymph Nodes <i>No meeting time listed</i> <i>Michael Carroll</i>	Course ID: 131316 2025 Fall (4 Credits)
IMMUN 346 Trafficking of Antigen in Lymph Nodes <i>No meeting time listed</i> <i>Michael Carroll</i>	Course ID: 131316 2026 Spring (4 Credits)
IMMUN 346DR (0001) Graduate Research – Jan Lab <i>No meeting time listed</i> <i>Max Jan</i>	Course ID: 223071 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
IMMUN 346DR (0001) Graduate Research – Jan Lab <i>No meeting time listed</i> <i>Max Jan</i>	Course ID: 223071 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
IMMUN 347 Lymphocyte development, antibody diversity and host - microbe interactions <i>No meeting time listed</i> <i>Duane Wesemann</i>	Course ID: 161335 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
IMMUN 347 Lymphocyte development, antibody diversity and host - microbe interactions <i>No meeting time listed</i> <i>Duane Wesemann</i>	Course ID: 161335 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
IMMUN 347DR (0001) Graduate Research–Griffin Lab <i>No meeting time listed</i> <i>Gabriel Griffin</i>	Course ID: 223856 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
IMMUN 347DR (0001) Graduate Research–Griffin Lab <i>No meeting time listed</i> <i>Gabriel Griffin</i>	Course ID: 223856 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
IMMUN 348DR (0001) Graduate Research - Ordovas-Montanes Lab	Course ID: 223857 2025 Fall (4 Credits)

No meeting time listed
Jose Ordovas-Montanes

Instructor Permission Required

IMMUN 348DR (0001)
Graduate Research - Ordovas-Montanes Lab
No meeting time listed
Jose Ordovas-Montanes

Course ID: 223857
2026 Spring (4 Credits)
Instructor Permission Required

IMMUN 348L
Epigenomic regulation of innate immunity
No meeting time listed
Kate Jeffrey

Course ID: 205903
2025 Fall (4 Credits)

IMMUN 348L
Epigenomic regulation of innate immunity
No meeting time listed
Kate Jeffrey

Course ID: 205903
2026 Spring (4 Credits)

IMMUN 349DR (0001)
Graduate Res. – Guerriero Lab
No meeting time listed
Jennifer Guerriero

Course ID: 223885
2025 Fall (4 Credits)
Instructor Permission Required

IMMUN 349DR (0001)
Graduate Res. – Guerriero Lab
No meeting time listed
Jennifer Guerriero

Course ID: 223885
2026 Spring (4 Credits)
Instructor Permission Required

IMMUN 349L
Cell death, cytopenia and immunosuppression triggered by pathogen recognition
No meeting time listed
Ben Croker

Course ID: 203783
2025 Fall (4 Credits)

IMMUN 349L
Cell death, cytopenia and immunosuppression triggered by pathogen recognition
No meeting time listed
Ben Croker

Course ID: 203783
2026 Spring (4 Credits)
Instructor Permission Required

IMMUN 350
Regulation of Autoimmune T Cell Responses
No meeting time listed
Vijay Kuchroo

Course ID: 131343
2025 Fall (4 Credits)

IMMUN 350
Regulation of Autoimmune T Cell Responses
No meeting time listed
Vijay Kuchroo

Course ID: 131343
2026 Spring (4 Credits)

IMMUN 351	Course ID: 144582
Studies on Glycosylation and Adaptive Immunity	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Charles Dimitroff</i>	

IMMUN 351	Course ID: 144582
Studies on Glycosylation and Adaptive Immunity	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Charles Dimitroff</i>	

IMMUN 351DR (0001)	Course ID: 223886
Graduate Research – Kean Lab	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Leslie Kean</i>	

IMMUN 351DR (0001)	Course ID: 223886
Graduate Research – Kean Lab	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Leslie Kean</i>	

IMMUN 352	Course ID: 207243
Understanding of how immune cells perform systems-level functions in health and disease.	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Alexander Shalek</i>	

IMMUN 352	Course ID: 207243
Understanding of how immune cells perform systems-level functions in health and disease.	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Alexander Shalek</i>	

IMMUN 352DR (0001)	Course ID: 224964
Graduate Research – Zhou Lab	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Xu Zhou</i>	

IMMUN 352DR (0001)	Course ID: 224964
Graduate Research – Zhou Lab	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Xu Zhou</i>	

IMMUN 353	Course ID: 144750
Innate and Adaptive Immune Responses in HIV-1 Infection	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Marcus Altfeld</i>	

IMMUN 353 Innate and Adaptive Immune Responses in HIV-1 Infection <i>No meeting time listed</i> <i>Marcus Altfeld</i>	Course ID: 144750 2026 Spring (4 Credits)
IMMUN 353DR (0001) Graduate Research – Smith Lab <i>No meeting time listed</i> <i>Eric Smith</i>	Course ID: 224966 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
IMMUN 353DR (0001) Graduate Research – Smith Lab <i>No meeting time listed</i> <i>Eric Smith</i>	Course ID: 224966 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
IMMUN 355 Molecular Mechanisms of Antigen Presentation <i>No meeting time listed</i> <i>Edda Fiebiger</i>	Course ID: 130016 2026 Spring (4 Credits)
IMMUN 355 Molecular Mechanisms of Antigen Presentation <i>No meeting time listed</i> <i>Edda Fiebiger</i>	Course ID: 130016 2025 Fall (4 Credits)
IMMUN 356 Cytotoxic T Lymphocytes <i>No meeting time listed</i> <i>Judy Lieberman</i>	Course ID: 144903 2025 Fall (4 Credits)
IMMUN 356 Cytotoxic T Lymphocytes <i>No meeting time listed</i> <i>Judy Lieberman</i>	Course ID: 144903 2026 Spring (4 Credits)
IMMUN 357 Microbial-epithelial-immune Cell Interactions in Mucosal Tissues <i>No meeting time listed</i> <i>Richard Blumberg</i>	Course ID: 146787 2025 Fall (4 Credits)
IMMUN 357 Microbial-epithelial-immune Cell Interactions in Mucosal Tissues <i>No meeting time listed</i> <i>Richard Blumberg</i>	Course ID: 146787 2026 Spring (4 Credits)
IMMUN 359 Immunoregulatory Mechanisms at Mucosal Surfaces, Including the Lung and Gut, Affecting the Developme <i>No meeting time listed</i>	Course ID: 148219 2025 Fall (4 Credits)

IMMUN 359
**Immunoregulatory Mechanisms at Mucosal Surfaces, Including the Lung
and Gut, Affecting the Developme**

Course ID: 148219
2026 Spring (4 Credits)

No meeting time listed

Dale Umetsu

IMMUN 360
Hematopoietic Stem Cells and their Niche

Course ID: 131562
2025 Fall (4 Credits)

No meeting time listed

David Scadden

IMMUN 360
Hematopoietic Stem Cells and their Niche

Course ID: 131562
2026 Spring (4 Credits)

No meeting time listed

David Scadden

IMMUN 360L
Understanding the Immune Microenvironment

Course ID: 204568
2025 Fall (4 Credits)

No meeting time listed

Stephanie Dougan

IMMUN 360L
Understanding the Immune Microenvironment

Course ID: 204568
2026 Spring (4 Credits)

No meeting time listed

Stephanie Dougan

IMMUN 361
Induction and Regulation of Antigen-specific T Cell Responses

Course ID: 146786
2025 Fall (4 Credits)

No meeting time listed

Gilles Benichou

IMMUN 361
Induction and Regulation of Antigen-specific T Cell Responses

Course ID: 146786
2026 Spring (4 Credits)

No meeting time listed

Gilles Benichou

IMMUN 361L
Inflammation and Memory as Drivers of Barrier Tissue Ecology

Course ID: 217440
2025 Fall (4 Credits)

No meeting time listed

Jose Ordovas-Montanes

Instructor Permission Required

IMMUN 361L
Inflammation and Memory as Drivers of Barrier Tissue Ecology

Course ID: 217440
2026 Spring (4 Credits)

No meeting time listed

Jose Ordovas-Montanes

Instructor Permission Required

IMMUN 362 Chemokine and Lipid Chemoattractants in Immune Cell Trafficking in Normal Physiology and Disease <i>No meeting time listed</i> Andrew Luster	Course ID: 131559 2025 Fall (4 Credits)
IMMUN 362 Chemokine and Lipid Chemoattractants in Immune Cell Trafficking in Normal Physiology and Disease <i>No meeting time listed</i> Andrew Luster	Course ID: 131559 2026 Spring (4 Credits)
IMMUN 363 Regulation of Immune and Inflammatory Responses by the Leukocyte Immunoglobulin-like Receptor Family <i>No meeting time listed</i> Howard Katz	Course ID: 131556 2025 Fall (4 Credits)
IMMUN 363 Regulation of Immune and Inflammatory Responses by the Leukocyte Immunoglobulin-like Receptor Family <i>No meeting time listed</i> Howard Katz	Course ID: 131556 2026 Spring (4 Credits)
IMMUN 364 T-cell Differentiation, Tolerance and Autoimmunity <i>No meeting time listed</i> Diane Mathis	Course ID: 131766 2026 Spring (4 Credits)
IMMUN 364 T-cell Differentiation, Tolerance and Autoimmunity <i>No meeting time listed</i> Diane Mathis	Course ID: 131766 2025 Fall (4 Credits)
IMMUN 365 The Sage Lab studies how the immune system regulates B cell responses in disease <i>No meeting time listed</i> Peter Sage	Course ID: 213721 2025 Fall (4 Credits)
IMMUN 365 The Sage Lab studies how the immune system regulates B cell responses in disease <i>No meeting time listed</i> Peter Sage	Course ID: 213721 2026 Spring (4 Credits)
IMMUN 366L Graduate Research - Barrett Lab <i>No meeting time listed</i> Nora Barrett	Course ID: 213722 2025 Fall (4 Credits)

IMMUN 366L Graduate Research - Barrett Lab <i>No meeting time listed</i> Nora Barrett	Course ID: 213722 2026 Spring (4 Credits)
IMMUN 368 RNA Granules <i>No meeting time listed</i> Paul Anderson	Course ID: 131552 2025 Fall (4 Credits)
IMMUN 368 RNA Granules <i>No meeting time listed</i> Paul Anderson	Course ID: 131552 2026 Spring (4 Credits)
IMMUN 369 Mechanisms of Autoimmune Disease <i>No meeting time listed</i> Vicki Kelley	Course ID: 146788 2025 Fall (4 Credits)
IMMUN 369 Mechanisms of Autoimmune Disease <i>No meeting time listed</i> Vicki Kelley	Course ID: 146788 2026 Spring (4 Credits)
IMMUN 371 Cellular and Molecular Mechanisms of Eosinophil and Other Leukocyte Involvement in Allergic Flammati <i>No meeting time listed</i> Peter Weller	Course ID: 131563 2025 Fall (4 Credits)
IMMUN 371 Cellular and Molecular Mechanisms of Eosinophil and Other Leukocyte Involvement in Allergic Flammati <i>No meeting time listed</i> Peter Weller	Course ID: 131563 2026 Spring (4 Credits)
IMMUN 372 Immunopathogenesis & Regulation of Immune Response in EAE <i>No meeting time listed</i> Samia Khoury	Course ID: 148335 2025 Fall (4 Credits)
IMMUN 372 Immunopathogenesis & Regulation of Immune Response in EAE <i>No meeting time listed</i> Samia Khoury	Course ID: 148335 2026 Spring (4 Credits)

IMMUN 374 Tumor Necrosis Factor-Alpha Gene Regulation in the Immunopathogenesis of AIDS and TB <i>No meeting time listed</i> Anne Goldfeld	Course ID: 131555 2025 Fall (4 Credits)
IMMUN 374 Tumor Necrosis Factor-Alpha Gene Regulation in the Immunopathogenesis of AIDS and TB <i>No meeting time listed</i> Anne Goldfeld	Course ID: 131555 2026 Spring (4 Credits)
IMMUN 375 Biology and Function of Immunoreceptors <i>No meeting time listed</i> Jean-Pierre Kinet	Course ID: 131557 2025 Fall (4 Credits)
IMMUN 375 Biology and Function of Immunoreceptors <i>No meeting time listed</i> Jean-Pierre Kinet	Course ID: 131557 2026 Spring (4 Credits)
IMMUN 376 Molecular Basis of Immunodeficiencies; Immunological and Molecular Basis of Atopic Dermatitis <i>No meeting time listed</i> Raif Geha	Course ID: 131564 2025 Fall (4 Credits)
IMMUN 376 Molecular Basis of Immunodeficiencies; Immunological and Molecular Basis of Atopic Dermatitis <i>No meeting time listed</i> Raif Geha	Course ID: 131564 2026 Spring (4 Credits)
IMMUN 377 lymphocyte activation and immune response <i>No meeting time listed</i> Facundo Batista	Course ID: 207228 2025 Fall (4 Credits)
IMMUN 377 (01) lymphocyte activation and immune response <i>No meeting time listed</i> Facundo Batista	Course ID: 207228 2026 Spring (4 Credits)
IMMUN 378 T cell Biology and Cancer Immunology <i>No meeting time listed</i> Kai Wucherpfennig	Course ID: 131566 2025 Fall (4 Credits)

IMMUN 378 T cell Biology and Cancer Immunology <i>No meeting time listed</i> <i>Kai Wucherpfennig</i>	Course ID: 131566 2026 Spring (4 Credits)
IMMUN 379 Molecular determinants of T cell phenotypes in cancer <i>No meeting time listed</i> <i>Ana Anderson</i>	Course ID: 207239 2026 Spring (4 Credits)
IMMUN 379 Molecular determinants of T cell phenotypes in cancer <i>No meeting time listed</i> <i>Ana Anderson</i>	Course ID: 207239 2025 Fall (4 Credits)
IMMUN 381 The application of new technologies to the study of immune responses against HIV at mucosal surfaces <i>No meeting time listed</i> <i>Douglas Kwon</i>	Course ID: 161338 2025 Fall (4 Credits)
IMMUN 381 The application of new technologies to the study of immune responses against HIV at mucosal surfaces <i>No meeting time listed</i> <i>Douglas Kwon</i>	Course ID: 161338 2026 Spring (4 Credits)
IMMUN 382 AIDS Immunopathogenesis and Immune Reconstitution <i>No meeting time listed</i> <i>R. Paul Johnson</i>	Course ID: 142209 2025 Fall (4 Credits)
IMMUN 382 AIDS Immunopathogenesis and Immune Reconstitution <i>No meeting time listed</i> <i>R. Paul Johnson</i>	Course ID: 142209 2026 Spring (4 Credits)
IMMUN 383 Signal Transduction, Host-Microbial Interactions and Immunology <i>No meeting time listed</i> <i>Scott Snapper</i>	Course ID: 120012 2025 Fall (4 Credits)
IMMUN 383 Signal Transduction, Host-Microbial Interactions and Immunology <i>No meeting time listed</i> <i>Scott Snapper</i>	Course ID: 161316 2026 Spring (4 Credits)
IMMUN 385 Regulation of T Lymphocyte Activation and Differentiation	Course ID: 148076 2025 Fall (4 Credits)

No meeting time listed
I-Cheng Ho

IMMUN 385
Regulation of T Lymphocyte Activation and Differentiation
No meeting time listed
I-Cheng Ho

Course ID: 148076
2026 Spring (4 Credits)

IMMUN 386
Molecular and Signaling Pathways Regulating T-cell Immunity and T-cell Anergy
No meeting time listed
Vassiliki Boussiotis

Course ID: 146252
2025 Fall (4 Credits)

IMMUN 386
Molecular and Signaling Pathways Regulating T-cell Immunity and T-cell Anergy
No meeting time listed
Vassiliki Boussiotis

Course ID: 146252
2026 Spring (4 Credits)

IMMUN 387
Genetically-modified T cells as immunotherapy for cancer
No meeting time listed
Marcela Maus

Course ID: 202986
2025 Fall (4 Credits)

IMMUN 387
Genetically-modified T cells as immunotherapy for cancer
No meeting time listed
Marcela Maus

Course ID: 202986
2026 Spring (4 Credits)

IMMUN 388
Structure and function of ATP-dependent chromatin regulators in human cancer
No meeting time listed
Cigall Kadoch

Course ID: 212609
2026 Spring (4 Credits)

IMMUN 389
Development of Cancer Vaccines
No meeting time listed
Glenn Dranoff

Course ID: 142681
2025 Fall (4 Credits)

IMMUN 389
Development of Cancer Vaccines
No meeting time listed
Glenn Dranoff

Course ID: 142681
2026 Spring (4 Credits)

IMMUN 391
Transcription Factors in Lymphocyte Commitment and Differentiation
No meeting time listed

Course ID: 148121
2025 Fall (4 Credits)

IMMUN 391
Transcription Factors in Lymphocyte Commitment and Differentiation
No meeting time listed
Katia Georgopoulos

Course ID: 148121
2026 Spring (4 Credits)

IMMUN 392
Dendritic Cells and the Initiation of Immune Responses; Genetic Analysis using Genome-Wide Mammalian
No meeting time listed
Nir Hacohen

Course ID: 148193
2025 Fall (4 Credits)

IMMUN 392
Dendritic Cells and the Initiation of Immune Responses; Genetic Analysis using Genome-Wide Mammalian
No meeting time listed
Nir Hacohen

Course ID: 148193
2026 Spring (4 Credits)

IMMUN 393
The Role of the Transcription Factor NF- κ B in Regulating Innate Inflammatory Responses
No meeting time listed
Bruce Horwitz

Course ID: 143875
2025 Fall (4 Credits)

IMMUN 393
The Role of the Transcription Factor NF- κ B in Regulating Innate Inflammatory Responses
No meeting time listed
Bruce Horwitz

Course ID: 143875
2026 Spring (4 Credits)

IMMUN 394
Cytotoxic Lymphocytes
No meeting time listed
D. Moody

Course ID: 148194
2025 Fall (4 Credits)

IMMUN 394
Cytotoxic Lymphocytes
No meeting time listed
D. Moody

Course ID: 148194
2026 Spring (4 Credits)

IMMUN 395
NKT and Other Immune Cell Subsets in Anti-Tumor & Anti-Viral Immunity
No meeting time listed
Mark Exley

Course ID: 144902
2025 Fall (4 Credits)

IMMUN 395
NKT and Other Immune Cell Subsets in Anti-Tumor & Anti-Viral Immunity
No meeting time listed
Mark Exley

Course ID: 144902
2026 Spring (4 Credits)

IMMUN 397 Antigen Processing and Presentation by Dendritic Cells in Autoimmunity and Cancer <i>No meeting time listed</i> <i>Shannon Turley</i>	Course ID: 144108 2025 Fall (4 Credits)
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IMMUN 397 Antigen Processing and Presentation by Dendritic Cells in Autoimmunity and Cancer <i>No meeting time listed</i> <i>Shannon Turley</i>	Course ID: 144108 2026 Spring (4 Credits)
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IMMUN 398 The Role of Notch Signaling in Lymphoid Neoplasia <i>No meeting time listed</i> <i>Jon Aster</i>	Course ID: 144901 2025 Fall (4 Credits)
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IMMUN 398 The Role of Notch Signaling in Lymphoid Neoplasia <i>No meeting time listed</i> <i>Jon Aster</i>	Course ID: 144901 2026 Spring (4 Credits)
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BCMP 200

Course ID: 116477
2025 Fall (4 Credits)

Principles of Molecular Biology

MWF 1100 AM - 1200 PM

Instructor Permission Required

Joseph John Loparo, Karen Adelman, Alan Brown, Stirling Churchman, Stirling Churchman

Principles of Molecular Biology is a course organized around the Central Dogma of Biology with presentations covering fundamental aspects of DNA and RNA structure, their function, and their interactions with proteins. The course opens with a discussion of the physical and chemical properties that drive the interactions of proteins with nucleic acids. This is used as a basis for understanding the material presented in the subsequent six modules, which cover DNA replication, DNA repair, gene regulation, transcription, RNA processing, and translation. Throughout this course, an emphasis will be placed on how the structure of small molecular machines (proteins) define their function in the processes and pathways that are introduced.

Course Note: Enrollment for G1 and G2 students in graduate programs that require this course, such as BBS and BIG, is prioritized. Petitions will be reviewed, prioritized and approved primarily during August enrollment.

Intended primarily for graduate students familiar with basic molecular biology or with strong biology/chemistry background.

FAS Divisional Distribution: None

BCMP 213 (0001)

Course ID: 141859
2026 Spring (4 Credits)

Behavioral Pharmacology

W 1200 PM - 0245 PM

Instructor Permission Required

Brian Kangas

This course serves as an introduction to the behavioral pharmacology of psychoactive drugs (e.g., stimulants, cannabinoids, opioids, psychedelics, anxiolytics, antipsychotics). It is organized in a seminar format with emphasis on behavioral methodology (i.e., model and assay development) and pharmacological analysis (i.e., receptor selectivity and efficacy). Special attention is paid to the behavioral processes involved in tolerance, drug dependence, addiction, and treatment.

One year of neuroscience, psychology, or biology recommended.

FAS Divisional Distribution: None

BCMP 218

Course ID: 122596
2025 Fall (4 Credits)

Molecular Medicine

T 0100 PM - 0300 PM

Instructor Permission Required

Srinivas Viswanathan, Vidyasagar Koduri

A seminar on various human diseases and their underlying genetic or biochemical bases. Primary scientific papers discussed. Lectures by faculty and seminars conducted by students, faculty supervision.

Course Note: Faculty mentors will guide student-led discussions of the papers. Go to canvas.hms.harvard.edu to view contents for the course.

College-level mastery of principles of cellular and molecular biology and genetics.

FAS Divisional Distribution: None

BCMP 230

Course ID: 114740
2025 Fall (4 Credits)

Principles and Practice of Drug Development

W 0300 PM - 0600 PM

Stan Finkelstein, Peter Sorger

Introduction to and critical assessment of the concepts, technologies and practical challenges of developing new medicines and bringing them to market. Pharmacology fundamentals, preclinical drug discovery, clinical trials, manufacturing and regulatory issues, as well as financing and marketing are discussed for small molecule,

biologic and cellular therapies.

Course Note: Suitable for individuals with a wide variety of backgrounds and interests from biology to engineering, business and medicine (undergraduate, graduates in MBA, MD and PhD programs). Taught by MIT and HMS faculty and by industry experts. Emphasizes a high level of student engagement via weekly news updates and projects involving collaboration across interdisciplinary teams.

Course Website: <https://www.principlespracticedrugdevelopment.org/>

Meeting Location: MIT Building 4, Room 237

No particular course is required. Knowledge of basic biology, biomedicine or bioengineering, and familiarity with basic economic principles will be helpful but not necessary for the course.

FAS Divisional Distribution: None

BCMP 234

Cellular Metabolism and Human Disease

MWF 0900 AM - 1022 AM

Thomas Michel, Bruce Levy, D. Moody, Joseph Loscalzo, Joseph Loscalzo

Cellular and organismal metabolism, with focus on interrelationships between key metabolic pathways and human disease states. Genetic and acquired metabolic diseases and functional consequences interactive lectures and critical reading conferences are integrated with clinical encounters.

Course Note: Enrollment is open to all HILS graduate students with adequate preparation in cell biology and biochemistry.

Prerequisites for undergraduate students only. For undergraduates interested in this course, a knowledge of introductory biochemistry, genetics, and cell biology is required (MCB 63 or MCB 60 or LIFESCI50, and MCB 64 or equivalent); plus one year of organic chemistry (Chem 17/27 or 20/30). Please petition the course instructor for an exemption.

FAS Divisional Distribution: None

BCMP 236

Principles of Drug Action in People

TR 0330 PM - 0500 PM

Sara Buhrlage, Catherine Dubreuil

This course will discuss principles of early drug discovery, drug modalities, and drug pharmacology. In the first part of the course, fundamental aspects of receptor and enzyme targeting agents, drug mechanism, drug metabolism, pharmacokinetics and pharmacodynamics will be described. Selected examples of small molecule drugs, biologics, gene and cell therapies will be utilized through the course. In the second part of the course, the pharmacology of therapeutics that act on selected human physiological systems, specifically the cardiovascular, immunologic, and central nervous systems, will be covered. The course will include frontier lectures delivered by experts at Harvard and in the Biopharmaceuticals industry. A range of speakers enlisted from the Harvard faculty and pharmaceutical scientists will participate in teaching throughout this course.

Course Note: Please note that all sessions will be held in person. All course materials including lecturers PowerPoint presentations will be posted on the course website. Attendance to all in class activities, discussions and journal clubs is mandatory, not attending these without an excused absence can lead to an incomplete grade for the course.

FAS Divisional Distribution: None

BCMP 250

Biophysical and Biochemical Mechanisms of Protein Function

TR 1100 AM - 1200 PM

Josefina del Marmol

Biophysical and Biochemical Mechanisms of Protein Function focuses on the molecular mechanisms that underlie essential biochemical processes such as signal transduction. Major topics include biochemical thermodynamics and conformational equilibria, protein structure and folding, receptor pharmacology, allostery, and enzymatic mechanisms of signaling. The course includes both content lectures and research frontiers seminars focused on current research in biochemistry with an emphasis on signal transduction in therapeutically relevant pathways.

Course ID: 204396

2026 Spring (4 Credits)

Instructor Permission Required

A foundational biochemistry course is recommended as a prerequisite (we expect students to have a solid understanding of the core concepts in biochemistry and molecular biology, including knowledge of the amino acids and their properties as well as the central dogma).

FAS Divisional Distribution: None

BCMP 301
Translational Pharmacology: The Science of Therapeutic Discovery and Development

Course ID: 225858
2026 Spring (4 Credits)

MTWRF 0900 AM - 1200 PM

Instructor Permission Required

David Golan, Mark Namchuk

This intensive course, held during three weeks in January (13 class days), covers principles of pharmacology and their translation into new drug discovery and development. Students participate in project groups, composed primarily of graduate students, to propose a drug development strategy from target choice through clinical trials. Most sessions include lectures, panel discussions, and/or case studies presented by Harvard faculty and faculty experts from the pharmaceutical and biotechnology industries; several sessions provide scheduled time to work on the group project with expert facilitators from industry. Evaluation is based on written and oral presentations of the group project and on class participation. Enrollment may be limited.

Course Note: Attendance at all sessions is mandatory, and students are expected to spend most afternoons preparing for the following day's sessions and working on the group project.

BCMP 308L
Study human microbiome using small molecules

Course ID: 203784
2025 Fall (4 Credits)

No meeting time listed

Sloan Devlin

BCMP 308L
Study human microbiome using small molecules

Course ID: 203784
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Sloan Devlin

BCMP 310
Molecular and Cellular Mechanisms of Insulin Action

Course ID: 113805
2025 Fall (4 Credits)

No meeting time listed

Morris White

BCMP 310
Molecular and Cellular Mechanisms of Insulin Action

Course ID: 113805
2026 Spring (4 Credits)

No meeting time listed

Morris White

BCMP 311
Structure and Dynamics of Macromolecular Assemblies

Course ID: 133725
2025 Fall (4 Credits)

No meeting time listed

Stephen Harrison

FAS Divisional Distribution: None

BCMP 311
Structure and Dynamics of Macromolecular Assemblies

Course ID: 133725
2026 Spring (4 Credits)

No meeting time listed
Stephen Harrison

FAS Divisional Distribution: None

BCMP 312	Course ID: 126361
Repair of Double stranded DNA breaks-pathway choices and more	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
Dipanjan Chowdhury	

BCMP 312	Course ID: 126361
Repair of Double stranded DNA breaks-pathway choices and more	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
Dipanjan Chowdhury	

BCMP 313	Course ID: 109149
Biochemistry of transmembrane receptors and signaling	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
Stephen Blacklow	

BCMP 313	Course ID: 109149
Biochemistry of transmembrane receptors and signaling	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
Stephen Blacklow	

BCMP 314	Course ID: 117857
Protein NMR Spectroscopy of Membrane Protein	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
James Chou	

BCMP 314	Course ID: 117857
Protein NMR Spectroscopy of Membrane Protein	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
James Chou	

BCMP 316	Course ID: 126362
Signal Transduction and Phosphorylation in Heart Disease	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
Maria Kontaridis	

BCMP 316	Course ID: 126362
Signal Transduction and Phosphorylation in Heart Disease	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
Maria Kontaridis	

BCMP 317	Course ID: 115965
Signal Transduction and Related Molecular Pathophysiology	2025 Fall (4 Credits)

No meeting time listed
Steven Shoelson

BCMP 317
Signal Transduction and Related Molecular Pathophysiology

Course ID: 115965
2026 Spring (4 Credits)

No meeting time listed
Steven Shoelson

BCMP 318
Molecular mechanism of the immune system

Course ID: 126363
2025 Fall (4 Credits)

No meeting time listed
Sun Hur

BCMP 318
Molecular mechanism of the immune system

Course ID: 126363
2026 Spring (4 Credits)

No meeting time listed
Sun Hur

BCMP 319
Histone Variants and Chromosome Biology

Course ID: 120690
2025 Fall (4 Credits)

No meeting time listed
Kami Ahmad

BCMP 319
Histone Variants and Chromosome Biology

Course ID: 120690
2026 Spring (4 Credits)

No meeting time listed
Kami Ahmad

BCMP 320
Systems and Synthetic Biology

Course ID: 111833
2025 Fall (4 Credits)

No meeting time listed
Pamela Silver

BCMP 320
Systems and Synthetic Biology

Course ID: 111833
2026 Spring (4 Credits)

No meeting time listed
Pamela Silver

BCMP 321
Structure and Function of ATP-dependent Chromatin Regulators in Human Cancer

Course ID: 156669
2025 Fall (4 Credits)

No meeting time listed
Cigall Kadoch

BCMP 321
Structure and Function of ATP-dependent Chromatin Regulators in Human Cancer

Course ID: 156669
2026 Spring (4 Credits)

No meeting time listed
Cigall Kadoch

BCMP 324	Course ID: 115094
Structure and Replication of DNA	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Charles Richardson</i>	
BCMP 324	Course ID: 115094
Structure and Replication of DNA	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Charles Richardson</i>	
BCMP 325	Course ID: 113667
Genomic Instability and Cancer Susceptibility	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Alan D'Andrea</i>	
BCMP 325	Course ID: 113667
Genomic Instability and Cancer Susceptibility	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Alan D'Andrea</i>	
BCMP 328	Course ID: 119840
Computational Analysis of Sequence Variation and Divergence	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Shamil Sunyaev</i>	
BCMP 328	Course ID: 119840
Computational Analysis of Sequence Variation and Divergence	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Shamil Sunyaev</i>	
BCMP 329	Course ID: 148041
Structure Biology of Cytoplasmic Signal Transduction	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Michael Eck</i>	
BCMP 329	Course ID: 148041
Structure Biology of Cytoplasmic Signal Transduction	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Michael Eck</i>	
BCMP 330L	Course ID: 203803
Protein aggregation and synaptic dysfunction	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Dominic Walsh</i>	
BCMP 330L	Course ID: 203803
Protein aggregation and synaptic dysfunction	2026 Spring (4 Credits)

BCMP 331
Biochemistry and Biology of Neurodegenerative Diseases
No meeting time listed
Michael Wolfe

Course ID: 117744
2025 Fall (4 Credits)

BCMP 331
Biochemistry and Biology of Neurodegenerative Diseases
No meeting time listed
Michael Wolfe

Course ID: 117744
2026 Spring (4 Credits)

BCMP 333
Structural Biology of Mechanisms in Gene Regulation
No meeting time listed
Piotr Sliz

Course ID: 110246
2026 Spring (4 Credits)

BCMP 333
Structural Biology of Mechanisms in Gene Regulation
No meeting time listed
Piotr Sliz

Course ID: 110246
2025 Fall (4 Credits)

BCMP 335
Biochemical and Genetic Analysis of Eukaryotic Gene Expression
No meeting time listed
Stephen Buratowski

Course ID: 122931
2025 Fall (4 Credits)

BCMP 335
Biochemical and Genetic Analysis of Eukaryotic Gene Expression
No meeting time listed
Stephen Buratowski

Course ID: 122931
2026 Spring (4 Credits)

BCMP 336
Molecular mechanisms of transmembrane signaling
No meeting time listed
Andrew Kruse

Course ID: 160764
2025 Fall (4 Credits)

BCMP 336
Molecular mechanisms of transmembrane signaling
No meeting time listed
Andrew Kruse

Course ID: 160764
2026 Spring (4 Credits)

BCMP 337
Drosophila Molecular Genetics
No meeting time listed
Welcome Bender

Course ID: 122426
2025 Fall (4 Credits)

BCMP 337 Drosophila Molecular Genetics <i>No meeting time listed</i> <i>Welcome Bender</i>	Course ID: 122426 2026 Spring (4 Credits)
BCMP 338 Gene Regulation in Yeast and Cancer <i>No meeting time listed</i> <i>Kevin Struhl</i>	Course ID: 116302 2025 Fall (4 Credits)
BCMP 338 Gene Regulation in Yeast and Cancer <i>No meeting time listed</i> <i>Kevin Struhl</i>	Course ID: 116302 2026 Spring (4 Credits)
BCMP 340 Biologically Active Small Molecules <i>No meeting time listed</i> <i>Jon Clardy</i>	Course ID: 118845 2025 Fall (4 Credits)
BCMP 340 Biologically Active Small Molecules <i>No meeting time listed</i> <i>Jon Clardy</i>	Course ID: 118845 2026 Spring (4 Credits)
BCMP 344 Molecular Pharmacology of Excitable Membranes <i>No meeting time listed</i> <i>Gary Strichartz</i>	Course ID: 131357 2026 Spring (4 Credits)
BCMP 344 Molecular Pharmacology of Excitable Membranes <i>No meeting time listed</i> <i>Gary Strichartz</i>	Course ID: 131357 2025 Fall (4 Credits)
BCMP 345 Transcription Factors in Hematopoiesis and Leukemogenesis <i>No meeting time listed</i> <i>Alan Cantor</i>	Course ID: 120174 2025 Fall (4 Credits)
BCMP 345 Transcription Factors in Hematopoiesis and Leukemogenesis <i>No meeting time listed</i> <i>Alan Cantor</i>	Course ID: 120174 2026 Spring (4 Credits)
BCMP 349 Targeting Deregulated Apoptotic and Transcriptional Pathways in Cancer <i>No meeting time listed</i> <i>Loren Walensky</i>	Course ID: 122746 2025 Fall (4 Credits)

BCMP 349 Targeting Deregulated Apoptotic and Transcriptional Pathways in Cancer <i>No meeting time listed</i> <i>Loren Walensky</i>	Course ID: 122746 2026 Spring (4 Credits)
BCMP 353 Epigenomics and Chromatin Systems Biology <i>No meeting time listed</i> <i>Yujiang (Geno) Shi</i>	Course ID: 122334 2025 Fall (4 Credits)
BCMP 353 Epigenomics and Chromatin Systems Biology <i>No meeting time listed</i> <i>Yujiang (Geno) Shi</i>	Course ID: 122334 2026 Spring (4 Credits)
BCMP 355 Transcriptional Control of Hematopoiesis and Leukemia <i>No meeting time listed</i> <i>Hanno Hock</i>	Course ID: 122740 2025 Fall (4 Credits)
BCMP 355 Transcriptional Control of Hematopoiesis and Leukemia <i>No meeting time listed</i> <i>Hanno Hock</i>	Course ID: 122740 2026 Spring (4 Credits)
BCMP 358 Targeting Apoptosis Regulation in Cancer <i>No meeting time listed</i> <i>Anthony Letai</i>	Course ID: 122742 2025 Fall (4 Credits)
BCMP 358 Targeting Apoptosis Regulation in Cancer <i>No meeting time listed</i> <i>Anthony Letai</i>	Course ID: 122742 2026 Spring (4 Credits)
BCMP 360 Regeneration of Cartilage and Skeletal Muscle <i>No meeting time listed</i> <i>Andrew Lassar</i>	Course ID: 120048 2025 Fall (4 Credits)
BCMP 360 Regeneration of Cartilage and Skeletal Muscle <i>No meeting time listed</i> <i>Andrew Lassar</i>	Course ID: 120048 2026 Spring (4 Credits)
BCMP 361 X-Ray Crystallographic Studies of Viruses and Proteins	Course ID: 137505 2025 Fall (4 Credits)

No meeting time listed
James Hogle

BCMP 361
X-Ray Crystallographic Studies of Viruses and Proteins
No meeting time listed
James Hogle

Course ID: 137505
2026 Spring (4 Credits)

BCMP 362
Eukaryotic Survival Decisions
No meeting time listed
David Fisher

Course ID: 114726
2025 Fall (4 Credits)

BCMP 362
Eukaryotic Survival Decisions
No meeting time listed
David Fisher

Course ID: 114726
2026 Spring (4 Credits)

BCMP 363
Normal cell division mechanisms and cell division defects in cancer
No meeting time listed
David Pellman

Course ID: 114763
2025 Fall (4 Credits)

BCMP 363
Normal cell division mechanisms and cell division defects in cancer
No meeting time listed
David Pellman

Course ID: 114763
2026 Spring (4 Credits)

BCMP 366
Stem Cells in Disease and Development
No meeting time listed
George Daley

Course ID: 119609
2025 Fall (4 Credits)

BCMP 366
Stem Cells in Disease and Development
No meeting time listed
George Daley

Course ID: 119609
2026 Spring (4 Credits)

BCMP 371
Maintenance of genome stability in S phase
No meeting time listed
Johannes Walter

Course ID: 115348
2025 Fall (4 Credits)

BCMP 371
Maintenance of genome stability in S phase
No meeting time listed
Johannes Walter

Course ID: 115348
2026 Spring (4 Credits)

BCMP 375 Biomolecular Nanotechnology <i>No meeting time listed</i> <i>William Shih</i>	Course ID: 120627 2025 Fall (4 Credits)
BCMP 375 Biomolecular Nanotechnology <i>No meeting time listed</i> <i>William Shih</i>	Course ID: 120627 2026 Spring (4 Credits)
BCMP 376 Mechanisms of Action of Antibiotics <i>No meeting time listed</i> <i>Daniel Kahne</i>	Course ID: 121266 2025 Fall (4 Credits)
BCMP 376 Mechanisms of Action of Antibiotics <i>No meeting time listed</i> <i>Daniel Kahne</i>	Course ID: 121266 2026 Spring (4 Credits)
BCMP 377 Quantitative Proteomics of Cancer Progression <i>No meeting time listed</i> <i>Jarrold Marto</i>	Course ID: 121384 2025 Fall (4 Credits)
BCMP 377 Quantitative Proteomics of Cancer Progression <i>No meeting time listed</i> <i>Jarrold Marto</i>	Course ID: 121384 2026 Spring (4 Credits)
BCMP 381 Functional Small Molecules for Biological Discovery <i>No meeting time listed</i> <i>Nathanael Gray</i>	Course ID: 123001 2025 Fall (4 Credits)
BCMP 381 Functional Small Molecules for Biological Discovery <i>No meeting time listed</i> <i>Nathanael Gray</i>	Course ID: 123001 2026 Spring (4 Credits)
BCMP 382 Mechanisms of RNAi in Stem Cells <i>No meeting time listed</i> <i>Richard Gregory</i>	Course ID: 123114 2025 Fall (4 Credits)
BCMP 382 Mechanisms of RNAi in Stem Cells <i>No meeting time listed</i> <i>Richard Gregory</i>	Course ID: 123114 2026 Spring (4 Credits)

BCMP 383 Integrated and Functional Genomic Studies of Human Cancer <i>No meeting time listed</i> <i>Levi Garraway</i>	Course ID: 125361 2025 Fall (4 Credits)
BCMP 383 Integrated and Functional Genomic Studies of Human Cancer <i>No meeting time listed</i> <i>Levi Garraway</i>	Course ID: 125361 2026 Spring (4 Credits)
BCMP 384 Embryonic stem cells, Nuclear Transfer, Cancer, Reprogramming <i>No meeting time listed</i> <i>Konrad Hochedlinger</i>	Course ID: 125402 2025 Fall (4 Credits)
BCMP 384 Embryonic stem cells, Nuclear Transfer, Cancer, Reprogramming <i>No meeting time listed</i> <i>Konrad Hochedlinger</i>	Course ID: 125402 2026 Spring (4 Credits)
BCMP 385 Control of Gene Expression in Tumorigenesis and Differentiation <i>No meeting time listed</i> <i>Thomas Roberts</i>	Course ID: 128173 2025 Fall (4 Credits)
BCMP 385 Control of Gene Expression in Tumorigenesis and Differentiation <i>No meeting time listed</i> <i>Thomas Roberts</i>	Course ID: 128173 2026 Spring (4 Credits)
BCMP 386 Kinase Signaling in Cancer <i>No meeting time listed</i> <i>Jean Zhao</i>	Course ID: 128175 2025 Fall (4 Credits)
BCMP 386 Kinase Signaling in Cancer <i>No meeting time listed</i> <i>Jean Zhao</i>	Course ID: 128175 2026 Spring (4 Credits)
BCMP 387 Single-molecule Biophysics and Force Spectroscopy <i>No meeting time listed</i> <i>Wesley Wong</i>	Course ID: 108354 2026 Spring (4 Credits)
BCMP 387 Single-molecule Biophysics and Force Spectroscopy	Course ID: 108354 2025 Fall (4 Credits)

No meeting time listed
Wesley Wong

BCMP 388
Single-molecule studies of DNA repair
No meeting time listed
Joseph John Loparo

Course ID: 128193
2025 Fall (4 Credits)

BCMP 388
Single-molecule studies of DNA repair
No meeting time listed
Joseph John Loparo

Course ID: 128193
2026 Spring (4 Credits)

BCMP 389
Chromatin and DNA Dynamics
No meeting time listed
Timur Yusufzai

Course ID: 128194
2025 Fall (4 Credits)

BCMP 389
Chromatin and DNA Dynamics
No meeting time listed
Timur Yusufzai

Course ID: 128194
2026 Spring (4 Credits)

BCMP 390
Gene Regulation Studied with Small Molecules
No meeting time listed
James Bradner

Course ID: 107622
2026 Spring (4 Credits)

BCMP 390
Gene Regulation Studied with Small Molecules
No meeting time listed
James Bradner

Course ID: 107622
2025 Fall (4 Credits)

BCMP 391
Aging and redox biology
No meeting time listed
Vadim Gladyshev

Course ID: 107864
2026 Spring (4 Credits)

BCMP 391
Aging and redox biology
No meeting time listed
Vadim Gladyshev

Course ID: 107864
2025 Fall (4 Credits)

BCMP 395
Probing dynamics of gene expression
No meeting time listed
Karen Adelman

Course ID: 204030
2025 Fall (4 Credits)

BCMP 395

Probing dynamics of gene expression

No meeting time listed

Karen Adelman

Course ID: 204030
2026 Spring (4 Credits)

BCMP 396

Chemical tools for manipulating biological systems

No meeting time listed

Justin Kim

Course ID: 204035
2025 Fall (4 Credits)

BCMP 396

Chemical tools for manipulating biological systems

No meeting time listed

Justin Kim

Course ID: 204035
2026 Spring (4 Credits)

BCMP 398L

Structural biology of the ubiquitin proteasome system

No meeting time listed

Eric Fischer

Course ID: 203808
2025 Fall (4 Credits)

BCMP 398L

Structural biology of the ubiquitin proteasome system

No meeting time listed

Eric Fischer

Course ID: 203808
2026 Spring (4 Credits)

Instructor Permission Required

MICROBI 201

Molecular Biology of the Bacterial Cell

TR 0930 AM - 1130 AM

Course ID: 126271
2026 Spring (4 Credits)

Instructor Permission Required

David Rudner, Tom Bernhardt, Simon Dove, Sophie Helaine, Sophie Helaine

This course is devoted to bacterial structure, physiology, genetics, and regulatory mechanisms. The class consists of lectures and group discussions emphasizing methods, results, and interpretations of classic and contemporary literature.

Course Note: This course will include in person lectures and paper discussions as well as asynchronous paper reading and problem set assignments.

FAS Divisional Distribution: None

MICROBI 202

Mechanisms of Bacterial Pathogenesis and Host Immune Response

TR 0300 PM - 0500 PM

Course ID: 126269
2025 Fall (4 Credits)

Instructor Permission Required

Marcia Goldberg, Michael Starnbach, Sophie Helaine, Amy Barczak, Amy Barczak

This course focuses on molecular mechanisms of bacterial pathogenesis and the host response to infection. The class consists of lectures and group discussions emphasizing themes of pathogenesis, methods, results, and interpretations of classic and contemporary literature. Subjects including bacterial secretion systems, mechanisms of entry into host cells, biofilm formation, and motility are viewed primarily from the pathogen's perspective, whereas topics including inflammasome activation, TLR signaling, and adaptive immune responses provide a host-centric view. Additional sessions are spent examining current methods of antibiotic discovery and vaccine development. The course also introduces students to the wide diversity of pathogenic bacteria. Organisms discussed include pathogenic *E. coli*, *Shigella* species, *Vibrio cholerae*, *Listeria monocytogenes*, *Chlamydia trachomatis*, *Pseudomonas aeruginosa* and *Staphylococcus aureus*, as well as a discussion of the challenges presented by currently unculturable species. Where relevant, connections will also be made with pathogenesis and immune responses to viruses, parasites, and fungi.

Course Note: Designed to complement Microbiology 201; however, students who have not taken Microbiology 201 previously are welcome. Designed for graduate students in their first year or beyond, however undergraduates with specific interest in the field may also enroll.

Meeting Location: TBD

FAS Divisional Distribution: None

MICROBI 210

Microbial Sciences: Chemistry, Ecology and Evolution

F 0945 AM - 1145 AM

Course ID: 124109
2026 Spring (4 Credits)

Instructor Permission Required

Michael Gilmore, Peter Girguis

This is an interdisciplinary graduate-level and advanced undergraduate-level course in which students explore topics in molecular microbiology, microbial diversity, host-microbe associations in health and disease, and microbially-mediated geochemistry in depth. This course will be taught by faculty from the Microbial Sciences Initiative. Topics include the origins of life, biogeochemical cycles, microbial diversity, and ecology. Course will limit enrollment to 20 students.

Course Note: Offered as OEB 290 and MICROBI 210

For graduate and advanced undergraduate students, Life Sciences 1a and 1b or their equivalent are required, or permission of instructor. MCB 60 or equivalent is recommended.

FAS Divisional Distribution: Science & Engineering & Applied Science

MICROBI 213

Social Issues in Biology

W 0500 PM - 0700 PM

Course ID: 122708
2026 Spring (4 Credits)

Instructor Permission Required

Richard Born

The goals of the course are two-fold: 1) to provide future scientists with a background for considering the ethical and social implications of research in biology and 2) to engage in discussions on difficult topics in an open, critical and respectful manner. Students will read both historical and contemporary pieces on controversial topics related to biology and discuss them in class, guided by faculty experts from both inside and outside of Harvard. Examples of topics from previous course offerings include: Jill Fisher on racial inequalities in testing new pharmaceuticals; Emily Hamilton on the public perception of vaccinations; Michael Pollan on the history and current uses of psychedelic drugs; Nuno Martins on the genetics of race; Christine Korsgaard on the ethics of animal experimentation; and Carole Hooven on the biology of sex and contentious issues related to transgender athletes.

Some background in genetics.

FAS Divisional Distribution: None

MICROBI 305	Course ID: 112844
Molecular Determinants of Intracellular Bacterial Pathogenesis	2026 Spring (4 Credits)

No meeting time listed

Darren Higgins

MICROBI 305	Course ID: 112844
Molecular Determinants of Intracellular Bacterial Pathogenesis	2025 Fall (4 Credits)

No meeting time listed

Darren Higgins

MICROBI 308	Course ID: 112851
Bacterial/ Host Interactions in Symbiosis and Pathogenesis	2026 Spring (4 Credits)

No meeting time listed

Dennis Kasper

MICROBI 308	Course ID: 112851
Bacterial/ Host Interactions in Symbiosis and Pathogenesis	2025 Fall (4 Credits)

No meeting time listed

Dennis Kasper

MICROBI 310	Course ID: 120183
Bacterial Genetics of Tuberculosis and Tularemia	2025 Fall (4 Credits)

No meeting time listed

Eric J. Rubin

MICROBI 310	Course ID: 120183
Bacterial Genetics of Tuberculosis and Tularemia	2026 Spring (4 Credits)

No meeting time listed

Eric J. Rubin

MICROBI 313	Course ID: 114635
T-Lymphocyte Responses to Bacterial Pathogens	2025 Fall (4 Credits)

No meeting time listed

Michael Stambach

MICROBI 313	Course ID: 114635
T-Lymphocyte Responses to Bacterial Pathogens	2026 Spring (4 Credits)

No meeting time listed
Michael Stambach

MICROBI 315
Signaling Networks That Regulate Synapse Development
No meeting time listed
Michael Greenberg

Course ID: 110091
2026 Spring (4 Credits)

MICROBI 315
Signaling Networks That Regulate Synapse Development
No meeting time listed
Michael Greenberg

Course ID: 110091
2025 Fall (4 Credits)

MICROBI 316
Host Pathogen Interactions
No meeting time listed
Stephen Lory

Course ID: 117274
2025 Fall (4 Credits)

MICROBI 316
Host Pathogen Interactions
No meeting time listed
Stephen Lory

Course ID: 117274
2026 Spring (4 Credits)

MICROBI 317
Molecular Mechanisms in Pathogenesis
No meeting time listed
John Mekalanos

Course ID: 124931
2025 Fall (4 Credits)

MICROBI 317
Molecular Mechanisms in Pathogenesis
No meeting time listed
John Mekalanos

Course ID: 124931
2026 Spring (4 Credits)

MICROBI 318
Mechanisms of RNA virus pathology explored in cerebral organoids from human embryonic stem cells
No meeting time listed
Lee Gehrke

Course ID: 110558
2025 Fall (4 Credits)

MICROBI 318
Mechanisms of RNA virus pathology explored in cerebral organoids from human embryonic stem cells
No meeting time listed
Lee Gehrke

Course ID: 110558
2026 Spring (4 Credits)

MICROBI 319
Molecular pathogenesis of human malaria infection
No meeting time listed
Jeffrey Dvorin

Course ID: 160765
2025 Fall (4 Credits)

MICROBI 319 Molecular pathogenesis of human malaria infection <i>No meeting time listed</i> Jeffrey Dvorin	Course ID: 160765 2026 Spring (4 Credits)
MICROBI 320 Epigenetic Regulation of DNA Virus Infection <i>No meeting time listed</i> David Knipe	Course ID: 113543 2025 Fall (4 Credits)
MICROBI 320 Epigenetic Regulation of DNA Virus Infection <i>No meeting time listed</i> David Knipe	Course ID: 113543 2026 Spring (4 Credits)
MICROBI 326 Biology and virulence of enteric pathogens <i>No meeting time listed</i> Matthew Waldor	Course ID: 124203 2025 Fall (4 Credits)
MICROBI 326 Biology and virulence of enteric pathogens <i>No meeting time listed</i> Matthew Waldor	Course ID: 124203 2026 Spring (4 Credits)
MICROBI 328 Molecular Biology of Epstein Barr Virus Infection and Transformation of B Lymphocytes <i>No meeting time listed</i> Elliott Kieff	Course ID: 131596 2026 Spring (4 Credits)
MICROBI 328 Molecular Biology of Epstein Barr Virus Infection and Transformation of B Lymphocytes <i>No meeting time listed</i> Elliott Kieff	Course ID: 131596 2025 Fall (4 Credits)
MICROBI 329 The Regulation of Gene Expression in Pathogenic Bacteria <i>No meeting time listed</i> Simon Dove	Course ID: 120013 2025 Fall (4 Credits)
MICROBI 329 The Regulation of Gene Expression in Pathogenic Bacteria <i>No meeting time listed</i> Simon Dove	Course ID: 120013 2026 Spring (4 Credits)

MICROBI 330 Bacterial Chromosome Dynamics and Cell Biology <i>No meeting time listed</i> David Rudner	Course ID: 119613 2025 Fall (4 Credits)
MICROBI 330 Bacterial Chromosome Dynamics and Cell Biology <i>No meeting time listed</i> David Rudner	Course ID: 119613 2026 Spring (4 Credits)
MICROBI 331 Modeling Mechanisms of Bacterial Pathogenesis <i>No meeting time listed</i> Cammie Lesser	Course ID: 120014 2025 Fall (4 Credits)
MICROBI 331 Modeling Mechanisms of Bacterial Pathogenesis <i>No meeting time listed</i> Cammie Lesser	Course ID: 120014 2026 Spring (4 Credits)
MICROBI 332 Gene Regulation of Prokaryotes <i>No meeting time listed</i> Ann Hochschild	Course ID: 125575 2025 Fall (4 Credits)
MICROBI 332 Gene Regulation of Prokaryotes <i>No meeting time listed</i> Ann Hochschild	Course ID: 125575 2026 Spring (4 Credits)
MICROBI 335 Molecular Biology of Parasites <i>No meeting time listed</i> Dyann Wirth	Course ID: 115472 2025 Fall (4 Credits)
MICROBI 335 Molecular Biology of Parasites <i>No meeting time listed</i> Dyann Wirth	Course ID: 115472 2026 Spring (4 Credits)
MICROBI 336 Pathogen-Host Interactions <i>No meeting time listed</i> Marcia Goldberg	Course ID: 114338 2025 Fall (4 Credits)
MICROBI 336 Pathogen-Host Interactions <i>No meeting time listed</i> Marcia Goldberg	Course ID: 114338 2026 Spring (4 Credits)

MICROBI 338 Engineering immunity to dissect host-pathogen interactions <i>No meeting time listed</i> Alejandro Balazs	Course ID: 160769 2025 Fall (4 Credits)
MICROBI 338 Engineering immunity to dissect host-pathogen interactions <i>No meeting time listed</i> Alejandro Balazs	Course ID: 160769 2026 Spring (4 Credits)
MICROBI 339 Bacterial Cell Division and Cell Biology <i>No meeting time listed</i> Tom Bernhardt	Course ID: 123169 2025 Fall (4 Credits)
MICROBI 339 Bacterial Cell Division and Cell Biology <i>No meeting time listed</i> Tom Bernhardt	Course ID: 123169 2026 Spring (4 Credits)
MICROBI 341 Molecular Biology Multi-drug Resistant Pathogens <i>No meeting time listed</i> Michael Gilmore	Course ID: 127378 2025 Fall (4 Credits)
MICROBI 341 Molecular Biology Multi-drug Resistant Pathogens <i>No meeting time listed</i> Michael Gilmore	Course ID: 127378 2026 Spring (4 Credits)
MICROBI 343 Chemical Biology, Enzymology, Antibiotics, Glycosyltransferases, Inhibitors <i>No meeting time listed</i> Suzanne Walker	Course ID: 120184 2025 Fall (4 Credits)
MICROBI 343 Chemical Biology, Enzymology, Antibiotics, Glycosyltransferases, Inhibitors <i>No meeting time listed</i> Suzanne Walker	Course ID: 120184 2026 Spring (4 Credits)
MICROBI 344 Chemistry and Biology of Host-Virus Interactions <i>No meeting time listed</i> Priscilla Yang	Course ID: 120185 2025 Fall (4 Credits)

MICROBI 344 Chemistry and Biology of Host-Virus Interactions <i>No meeting time listed</i> <i>Priscilla Yang</i>	Course ID: 120185 2026 Spring (4 Credits)
MICROBI 345R Protein engineering, antibody evolution, small-molecule discovery dissect host-pathogen interactions <i>No meeting time listed</i> <i>Aaron Schmidt</i>	Course ID: 215813 2026 Spring (4 Credits)
MICROBI 345R Protein engineering, antibody evolution, small-molecule discovery dissect host-pathogen interactions <i>No meeting time listed</i> <i>Aaron Schmidt</i>	Course ID: 215813 2025 Fall (4 Credits)
MICROBI 346 Pathogenic Mechanisms and Treatment of Diarrheal Disease <i>No meeting time listed</i> <i>Paula Watnick</i>	Course ID: 122747 2025 Fall (4 Credits)
MICROBI 346 Pathogenic Mechanisms and Treatment of Diarrheal Disease <i>No meeting time listed</i> <i>Paula Watnick</i>	Course ID: 122747 2026 Spring (4 Credits)
MICROBI 347 Chemical Genetics Approach to Bacterial Pathogenesis <i>No meeting time listed</i> <i>Deborah Hung</i>	Course ID: 122999 2025 Fall (4 Credits)
MICROBI 347 Chemical Genetics Approach to Bacterial Pathogenesis <i>No meeting time listed</i> <i>Deborah Hung</i>	Course ID: 122999 2026 Spring (4 Credits)
MICROBI 348 Toll-like Receptors and Innate Immunity <i>No meeting time listed</i> <i>Jonathan Kagan</i>	Course ID: 125399 2025 Fall (4 Credits)
MICROBI 348 Toll-like Receptors and Innate Immunity <i>No meeting time listed</i> <i>Jonathan Kagan</i>	Course ID: 125399 2026 Spring (4 Credits)
MICROBI 349 Molecular Mechanisms of Leukocyte Trafficking	Course ID: 128185 2025 Fall (4 Credits)

No meeting time listed
Ulrich von Andrian

MICROBI 349
Molecular Mechanisms of Leukocyte Trafficking
No meeting time listed
Ulrich von Andrian

Course ID: 128185
2026 Spring (4 Credits)

MICROBI 350
Regulation of T-cell Mediated Immune Response
No meeting time listed
Arlene Sharpe

Course ID: 128186
2025 Fall (4 Credits)

MICROBI 350
Regulation of T-cell Mediated Immune Response
No meeting time listed
Arlene Sharpe

Course ID: 128186
2026 Spring (4 Credits)

MICROBI 351
Viral Pathogenic and Transformation Mechanisms
No meeting time listed
Peter Howley

Course ID: 128190
2025 Fall (4 Credits)

MICROBI 351
Viral Pathogenic and Transformation Mechanisms
No meeting time listed
Peter Howley

Course ID: 128190
2026 Spring (4 Credits)

MICROBI 354
Molecular mechanisms of antiviral immunity
No meeting time listed
Jonathan Abraham

Course ID: 205896
2025 Fall (4 Credits)

MICROBI 354
Molecular mechanisms of antiviral immunity
No meeting time listed
Jonathan Abraham

Course ID: 205896
2026 Spring (4 Credits)

MICROBI 355
Gut Microbiome and the Immune system
No meeting time listed
Alex Kostic

Course ID: 205897
2026 Spring (4 Credits)

MICROBI 356
in situ single-cell transcriptomics
No meeting time listed
Jeffrey Moffitt

Course ID: 217477
2025 Fall (4 Credits)
Instructor Permission Required

MICROBI 356
in situ single-cell transcriptomics

No meeting time listed
Jeffrey Moffitt

Course ID: 217477
2026 Spring (4 Credits)
Instructor Permission Required

MICROBI 360QC (0001)
The Human Microbiome: Comprehensive Experimental Design and Methodologies

MW 0100 PM - 0230 PM
Alex Kostic, Sloan Devlin

Course ID: 207117
2026 Spring (2 Credits)

This is a comprehensive introduction to the study of human microbial communities and their functions relevant to human physiology. Topics covered include metagenomics, mechanistic interactions of the microbiome with metabolism, the immune system, and the gut-brain axis. Rather than lectures, this course is primarily a critical discussion of the literature.

FAS Divisional Distribution: None

MICROBI 374
Enzyme biochemistry and innate immune signaling

No meeting time listed
Philip Kranzusch

Course ID: 204039
2025 Fall (4 Credits)

MICROBI 374
Enzyme biochemistry and innate immune signaling

No meeting time listed
Philip Kranzusch

Course ID: 204039
2026 Spring (4 Credits)

MICROBI 385
Immune Surveillance of Stem Cells and Cancer Stem Cells

No meeting time listed
Judith Agudo

Course ID: 212612
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

MICROBI 385
Immune Surveillance of Stem Cells and Cancer Stem Cells

No meeting time listed
Judith Agudo

Course ID: 212612
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

MICROBI 386
Salmonella persistence during infection

No meeting time listed
Sophie Helaine

Course ID: 216833
2025 Fall (4 Credits)
Instructor Permission Required

MICROBI 386
Salmonella persistence during infection

Course ID: 216833
2026 Spring (4 Credits)

No meeting time listed
Sophie Helaine

Instructor Permission Required

CELLBIO 201

Principles of Cell Biology

MWF 1030 AM - 1200 PM

Susan Shao, Lucas Farnung

Course ID: 108339
2026 Spring (4 Credits)

Instructor Permission Required

CB201 is a graduate level course in which students examine fundamental concepts and methodologies in cell biology with faculty from the field. Through content lectures, methods lectures, student presentations, and discussion sections, students will explore a broad range of topics including: the cytoskeleton, protein folding and quality control, the ubiquitin-proteasome system, autophagy, protein translocation across membranes, vesicular trafficking, organelle biology, chromosome organization, epigenetics, cell cycle regulation, and signal transduction. By the end of this course, students should be able to: Evaluate primary scientific literature from a broad range of topics in cell biology Identify current questions in cell biology and the evolving approaches used to address those questions Design appropriate experimental approaches to address hypotheses related to cell biology Analyze and effectively present experimental datasets produced from modern instrumentation

Course Note: Focus on current paradigms and approaches in cell biology.

The structure of this course also includes a discussion component. Any additional details about this component will be provided by the course faculty.

Introductory knowledge in biochemistry, genetics, and cell biology.

FAS Divisional Distribution: None

CELLBIO 207

Development, Stem Cells and Regeneration

MW 0200 PM - 0400 PM

Andrew Lassar, John Flanagan, Guillermo Garcia-Cardena, Jordan Kreidberg, Jordan Kreidberg

Course ID: 111215
2026 Spring (4 Credits)

Instructor Permission Required

This class is evenly divided between lectures and conference sessions which cover the principals that guide vertebrate development and stem cell maintenance in various renewing tissues; in addition, we discuss how these principals can be leveraged to generate cells/tissues for regenerative biology or disease modeling in vitro. Specific topics include a molecular dissection of the signaling pathways, gene regulatory networks, and epigenetic mechanisms that control primary axis formation and regional specification, establishment of cell fate, homeotic genes and patterning, cell migration and cell-cell signaling, organoid models of nervous system development and their application, axon development and regeneration, neuromuscular development and mechanistic insights for human birth defects, skeletal muscle stem cells in aging and disease, morphogenesis of branched tubular systems, vasculogenesis, biomechanical regulation of developmental processes, skeletal patterning and development, stem cell maintenance in various renewing tissues, germ cells and pluripotency, and directed differentiation of ES and iPS cells for regeneration and disease modeling. We will discuss how state of the art technologies in iPS organoids, cell lineage labeling, genetic manipulation, and genome wide epigenomic/transcriptomic analyses can be employed to study organ development, stem cells and regeneration.

Students employ the knowledge gained by lectures and conference sessions to identify interesting new research goals in either vertebrate development, stem cell, or regenerative biology and present research proposals to achieve these goals. Thus, the goals of this course are for students to both learn about the molecular tool-kit that evolution has endowed to vertebrates (and other multicellular animals) AND to learn how to synthesize the literature to come up with their own novel research ideas, and develop a strategy to investigate their hypotheses.

Course Note: This course is offered as CELLBIO207 and also as DRB207. Includes lectures and conference sessions in which original literature is discussed in depth. A short research proposal is required in lieu of exams.

Introductory graduate-level courses in both Cell and Molecular Biology.

FAS Divisional Distribution: None

CELLBIO 212 (0001)

Biology of the Cancer Cell: From Molecular Mechanisms to Therapeutic Implications

MW 1230 PM - 0200 PM

Alex Tokar

Course ID: 125825
2026 Spring (4 Credits)

Instructor Permission Required

This semester-long course will take you on a molecular approach journey to examine the basis of human cancer – from deep dive on genetic aberrations in a cancer cell, to signaling pathways, and big picture cellular and organismal perspectives on cancer. Some of the main concepts we will cover include cancer genetics and epigenetics, tumor suppressor genes and oncogenes, signal transduction, DNA damage and repair, angiogenesis, metastasis and invasion, apoptosis, cancer stem cells, and tumor immunology and immunotherapy. Faculty joining us this Spring are experts in the various fields and will provide you with an integrated perspective on past, current, and future approaches in cancer biology research. Many of our faculty are also clinical oncologists and hematologists, providing you with an insight into how molecular advances are impacting patient care now and are likely to do so in the future. After each part of the course, you will participate in student workshops, where you will get the opportunity to dissect and learn about the major components of a research proposal and how to successfully write one. You will also have the opportunity to engage in an iterative writing and evaluation process with your peers while practicing giving feedback and critique.

COURSE OBJECTIVES

- Understand foundational discoveries that led to major concepts in the field
- Describe the molecular basis of cancer formation
- Identify big open questions in the research areas around these topics
- Synthesize and implement content knowledge while practicing writing skills
- Identify the main components of a research proposal
- Write a research proposal draft
- Practice your peer evaluation and critique skills

Course Note: Given alternate years with Cell Biology 211.

Advanced biochemistry, molecular genetics, and cell biology.

FAS Divisional Distribution: None

CELLBIO 300QC

Nanocourses

No meeting time listed

Aimee Hollander

Course ID: 127504

2025 Fall (2 Credits)

Instructor Permission Required

CELLBIO 300QC

Nanocourses

No meeting time listed

Aimee Hollander

Course ID: 127504

2026 Spring (2 Credits)

Instructor Permission Required

CELLBIO 302QC (0001)

Advanced Experimental Design for Biologists

W 0530 PM - 0730 PM

David Glass, Catherine Dubreuil

Course ID: 127479

2025 Fall (2 Credits)

Instructor Permission Required

This course will focus on both the theory and practice of experimental design. The emphasis is on project planning and vetting, individual experimental design, and trouble-shooting. Special focus will be placed on methods to avoid experimental bias, and potential sources of inappropriate interpretation. Also the importance of system validation is especially emphasized.

Course Note: Special consent required - preference given to Therapeutics Certificate Program students.

FAS Divisional Distribution: None

CELLBIO 306

Chromatin Dynamics in metabolism and DNA repair

No meeting time listed

Raul Mostoslavsky

Course ID: 126365

2025 Fall (4 Credits)

CELLBIO 306

Chromatin Dynamics in metabolism and DNA repair

No meeting time listed

Raul Mostoslavsky

Course ID: 126365

2026 Spring (4 Credits)

Teaching 100: The Theory and Science of Teaching

2025 Fall (2 Credits)

W 0200 PM - 0400 PM

*Instructor Permission Required**Tari Tan*

For many graduate students and medical educators, teaching will be part of their career, whether as mentoring, formal classroom teaching, or teaching in the hospital. In addition, the theory and research evidence accumulating in the disciplines of cognitive psychology, neuroscience, and from STEM classrooms, has turned the question of "How do we best teach science and medicine?" into its own scientific discipline. The Theory and Science of Teaching focuses on understanding why certain teaching methods are effective by examining the scientific research and theoretical frameworks that support these methods. We will read and discuss foundational educational and cognitive psychology texts and primary literature, and then develop course materials that allow us to put these ideas into practice.

Course Note: The course has been designed as a companion to Genetics 302qc: Teaching 101, but neither course is a prerequisite of the other.

Class will meet for 2 hours of synchronous discussion and learning activities each week. The remote section will meet Wednesdays from 8:00-10:00 am over Zoom and is reserved for master's students. The in-person section will meet Wednesdays from 2:00-4:00 pm in Longwood and is intended for PhD students who must take their classes in-person. The content of the sections will be the same and both will share identical asynchronous learning components. This will include watching videos, reading a variety of materials, participating in discussion boards, creating sample materials, and writing learning reflections. The synchronous and asynchronous components combine to meet the course objectives and are equally important to students' learning. Class begins September 3rd with the release of the first asynchronous module, which students will complete and discuss in short, individually scheduled small group meetings with the course instructor during the week of Sept. 8, in place of a synchronous class session that week. The first synchronous class meeting is September 17. The course concludes with the final synchronous class session on November 12 and the final capstone assignment due November 19.

Make It Stick, by Brown, Roediger and McDaniel is required pre-reading and should be completed before the first day of class on September 17. A required asynchronous 'module 0' will be released on Canvas on September 3.

FAS Divisional Distribution: None

CELLBIO 307

Course ID: 111101

Cell-Cell Signaling in Neural Development and Regeneration

2025 Fall (4 Credits)

*No meeting time listed**John Flanagan*

CELLBIO 307

Course ID: 111101

Cell-Cell Signaling in Neural Development and Regeneration

2026 Spring (4 Credits)

*No meeting time listed**John Flanagan*

CELLBIO 310

Course ID: 121563

Mechanisms of Vertebrate Hedgehog Signaling

2025 Fall (4 Credits)

*No meeting time listed**Adrian Salic*

CELLBIO 310

Course ID: 121563

Mechanisms of Vertebrate Hedgehog Signaling

2026 Spring (4 Credits)

*No meeting time listed**Adrian Salic*

CELLBIO 310L

Course ID: 215789

Mitochondrial redox control over pathophysiology

2026 Spring (4 Credits)

*No meeting time listed**Edward Chouchani*

CELLBIO 310L	Course ID: 215789
Mitochondrial redox control over pathophysiology	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Edward Chouchani</i>	
CELLBIO 311	Course ID: 117256
Cardiovascular Signal Transduction	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Thomas Michel</i>	
CELLBIO 311	Course ID: 117256
Cardiovascular Signal Transduction	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Thomas Michel</i>	
CELLBIO 312	Course ID: 117257
Molecular Mechanisms of Transcriptional Control	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Anders Naar</i>	
CELLBIO 312	Course ID: 117257
Molecular Mechanisms of Transcriptional Control	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Anders Naar</i>	
CELLBIO 313	Course ID: 126366
Systems Biology of Mammalian Signal Transduction	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Peter Sorger</i>	
CELLBIO 313	Course ID: 126366
Systems Biology of Mammalian Signal Transduction	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Peter Sorger</i>	
CELLBIO 313QC (0001)	Course ID: 160762
Quantitative Imaging: Making measurements with fluorescence microscopy	2025 Fall (2 Credits)
WF 1030 AM - 1200 PM	
<i>Jennifer Waters</i>	
<p>This course provides an overview of quantitative fluorescence microscopy methods, with a focus on generating reliable and reproducible measurements from imaging data. Key topics include resolution, signal-to-noise ratio, sampling, and the use of fluorophores and fluorescent proteins in imaging applications for biomedical research. The curriculum covers digital detectors, imaging of live specimens, and advanced techniques such as confocal and quantitative phase microscopy. It also covers the fundamentals of bioimage analysis, including modern machine learning and deep learning approaches. Participants will also gain hands-on experience with image analysis using open-source software (ImageJ/FIJI) to perform critical measurements in biomedical research, including co-localization and dynamic fluorescence intensity changes, such as calcium signaling detected with GCaMP. By the end of the course, learners will acquire the theoretical foundation and practical skills necessary to conduct quantitative analyses in biological imaging.</p>	

CELLBIO 314	Course ID: 115128
Molecular Biology of Extracellular Matrix	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Yingzi Yang</i>	

CELLBIO 314	Course ID: 115128
Molecular Biology of Extracellular Matrix	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Yingzi Yang</i>	

CELLBIO 314QC (0001)	Course ID: 219915
Science of Mindfulness: A research based approach to understanding and practicing mindfulness	2026 Spring (2 Credits)
WF 1000 AM - 1130 AM	
<i>Neena Haider</i>	

This course delves into the science behind mindfulness using a research-based approach to understand the impact of mindfulness on the mind and body. The course will include a discussion of published work as well as practical applications in a workshop format. Topics include power of breath, positive thinking, and impact of mindfulness on cognitive function. Workshop portions will include guided breath and guided meditation and learning how to focus the mind, and learn observation without judgment.

FAS Divisional Distribution: None

CELLBIO 316	Course ID: 107782
Mechanism and Function of Intracellular Protein Turnover	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Alfred Goldberg</i>	

CELLBIO 316	Course ID: 107782
Mechanism and Function of Intracellular Protein Turnover	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Alfred Goldberg</i>	

CELLBIO 318	Course ID: 112913
Molecular Biology of Cell Growth Regulation and Transformation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>John Blenis</i>	

CELLBIO 318	Course ID: 112913
Molecular Biology of Cell Growth Regulation and Transformation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>John Blenis</i>	

CELLBIO 319	Course ID: 109148
Signaling Pathways in Cancer Cell Biology	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Alex Toker</i>	

CELLBIO 319
Signaling Pathways in Cancer Cell Biology

No meeting time listed
Alex Toker

Course ID: 109148
2026 Spring (4 Credits)

CELLBIO 321
Neuronal Pathfinding and Synaptogenesis

No meeting time listed
David Van Vactor

Course ID: 114269
2025 Fall (4 Credits)

CELLBIO 321
Neuronal Pathfinding and Synaptogenesis

No meeting time listed
David Van Vactor

Course ID: 114269
2026 Spring (4 Credits)

CELLBIO 325
Molecular and Cellular Regulators of Cancer Progression

No meeting time listed
Sandra McAllister

Course ID: 127374
2025 Fall (4 Credits)

CELLBIO 325
Molecular and Cellular Regulators of Cancer Progression

No meeting time listed
Sandra McAllister

Course ID: 127374
2026 Spring (4 Credits)

CELLBIO 326
Signal Transduction During Early Development

No meeting time listed
Malcolm Whitman

Course ID: 111066
2025 Fall (4 Credits)

CELLBIO 326
Signal Transduction During Early Development

No meeting time listed
Malcolm Whitman

Course ID: 111066
2026 Spring (4 Credits)

CELLBIO 328
Single-Molecule Biology and Visualization of Cellular Dynamics

No meeting time listed
Tomas Kirchhausen

Course ID: 139184
2025 Fall (4 Credits)

CELLBIO 328
Single-Molecule Biology and Visualization of Cellular Dynamics

No meeting time listed
Tomas Kirchhausen

Course ID: 139184
2026 Spring (4 Credits)

CELLBIO 329
The Ubiquitin-Proteasome Pathway

No meeting time listed
Daniel Finley

Course ID: 119495
2025 Fall (4 Credits)

CELLBIO 329	Course ID: 119495
The Ubiquitin-Proteasome Pathway	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Daniel Finley</i>	
CELLBIO 332	Course ID: 115968
Mass Spectrometry and Proteomics	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Steven Gygi</i>	
CELLBIO 332	Course ID: 115968
Mass Spectrometry and Proteomics	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Steven Gygi</i>	
CELLBIO 333	Course ID: 114751
Electron Microscopic Structure Determination	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Thomas Walz</i>	
CELLBIO 333	Course ID: 114751
Electron Microscopic Structure Determination	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Thomas Walz</i>	
CELLBIO 339	Course ID: 113489
Cell Morphogenesis and Regulation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Marc Kirschner</i>	
CELLBIO 339	Course ID: 113489
Cell Morphogenesis and Regulation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Marc Kirschner</i>	
CELLBIO 343	Course ID: 111198
Mechanisms of Mammalian Cell Differentiation and Gene Expression	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Bruce Spiegelman</i>	
CELLBIO 343	Course ID: 111198
Mechanisms of Mammalian Cell Differentiation and Gene Expression	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Bruce Spiegelman</i>	
CELLBIO 345	Course ID: 119350
Protein Transport Across the Endoplasmic Reticulum Membrane	2025 Fall (4 Credits)

No meeting time listed
Tom Rapoport

CELLBIO 345
Protein Transport Across the Endoplasmic Reticulum Membrane
No meeting time listed
Tom Rapoport

Course ID: 119350
2026 Spring (4 Credits)

CELLBIO 348
Transcriptional Regulation and Epigenetics in Breast and Prostate Cancer
No meeting time listed
Myles Brown

Course ID: 110253
2026 Spring (4 Credits)

CELLBIO 348
Transcriptional Regulation and Epigenetics in Breast and Prostate Cancer
No meeting time listed
Myles Brown

Course ID: 110253
2025 Fall (4 Credits)

CELLBIO 349
Gene Silencing and Chromosome Structure
No meeting time listed
Danesh Moazed

Course ID: 124315
2025 Fall (4 Credits)

CELLBIO 349
Gene Silencing and Chromosome Structure
No meeting time listed
Danesh Moazed

Course ID: 124315
2026 Spring (4 Credits)

CELLBIO 353L
Regulated protein degradation
No meeting time listed
John Hanna

Course ID: 203806
2025 Fall (4 Credits)

CELLBIO 353L
Regulated protein degradation
No meeting time listed
John Hanna

Course ID: 203806
2026 Spring (4 Credits)
Instructor Permission Required

CELLBIO 358
Mechanisms of Tumor Metastasis
No meeting time listed
Bruce Zetter

Course ID: 143098
2025 Fall (4 Credits)

CELLBIO 358
Mechanisms of Tumor Metastasis
No meeting time listed
Bruce Zetter

Course ID: 143098
2026 Spring (4 Credits)

CELLBIO 359 Intracellular Signaling Pathways in the Regulation of Cell Growth and Differentiation <i>No meeting time listed</i> <i>David Frank</i>	Course ID: 110416 2026 Spring (4 Credits)
CELLBIO 359 Intracellular Signaling Pathways in the Regulation of Cell Growth and Differentiation <i>No meeting time listed</i> <i>David Frank</i>	Course ID: 110416 2025 Fall (4 Credits)
CELLBIO 360 Genetic Control of Apoptosis in Drosophila <i>No meeting time listed</i> <i>Kristin White</i>	Course ID: 115969 2025 Fall (4 Credits)
CELLBIO 360 Genetic Control of Apoptosis in Drosophila <i>No meeting time listed</i> <i>Kristin White</i>	Course ID: 115969 2026 Spring (4 Credits)
CELLBIO 365 Mechanism and Biology of Ubiquitin-like Protein Conjugation Cascades <i>No meeting time listed</i> <i>Wade Harper</i>	Course ID: 128171 2025 Fall (4 Credits)
CELLBIO 365 Mechanism and Biology of Ubiquitin-like Protein Conjugation Cascades <i>No meeting time listed</i> <i>Wade Harper</i>	Course ID: 128171 2026 Spring (4 Credits)
CELLBIO 366 Mitochondria in Aging and Metabolism <i>No meeting time listed</i> <i>Marcia Haigis</i>	Course ID: 128172 2025 Fall (4 Credits)
CELLBIO 366 Mitochondria in Aging and Metabolism <i>No meeting time listed</i> <i>Marcia Haigis</i>	Course ID: 128172 2026 Spring (4 Credits)
CELLBIO 370 Mitotic Kinases, Chromatin and Chromosome Segregation <i>No meeting time listed</i> <i>Jonathan Higgins</i>	Course ID: 122739 2025 Fall (4 Credits)
CELLBIO 370 Mitotic Kinases, Chromatin and Chromosome Segregation	Course ID: 122739 2026 Spring (4 Credits)

No meeting time listed
Jonathan Higgins

CELLBIO 371
Nutrient Sensing and Metabolic Control
No meeting time listed
Pere Puigserver

Course ID: 122998
2025 Fall (4 Credits)

CELLBIO 371
Nutrient Sensing and Metabolic Control
No meeting time listed
Pere Puigserver

Course ID: 122998
2026 Spring (4 Credits)

CELLBIO 372
Cytoskeletal Dynamics
No meeting time listed
Timothy Mitchison

Course ID: 115000
2025 Fall (4 Credits)

CELLBIO 372
Cytoskeletal Dynamics
No meeting time listed
Timothy Mitchison

Course ID: 115000
2026 Spring (4 Credits)

CELLBIO 373
Molecular Genetics of Cell Interaction in Development
No meeting time listed
Spyros Artavanis-Tsakonas

Course ID: 112515
2025 Fall (4 Credits)

CELLBIO 373
Molecular Genetics of Cell Interaction in Development
No meeting time listed
Spyros Artavanis-Tsakonas

Course ID: 112515
2026 Spring (4 Credits)

CELLBIO 373L
Regulation of protein biosynthesis and quality control
No meeting time listed
Susan Shao

Course ID: 204037
2025 Fall (4 Credits)

CELLBIO 373L
Regulation of protein biosynthesis and quality control
No meeting time listed
Susan Shao

Course ID: 204037
2026 Spring (4 Credits)

CELLBIO 375
Cancer Genetics and DNA
No meeting time listed
David Weinstock

Course ID: 127583
2025 Fall (4 Credits)

CELLBIO 375 Cancer Genetics and DNA <i>No meeting time listed</i> <i>David Weinstock</i>	Course ID: 127583 2026 Spring (4 Credits)
CELLBIO 376 Chemical Approaches to Cell Division and Cancer <i>No meeting time listed</i> <i>Randall King</i>	Course ID: 115970 2025 Fall (4 Credits)
CELLBIO 376 Chemical Approaches to Cell Division and Cancer <i>No meeting time listed</i> <i>Randall King</i>	Course ID: 115970 2026 Spring (4 Credits)
CELLBIO 376L Cell polarity, organoids, cancer biology and therapeutics <i>No meeting time listed</i> <i>Senthil Muthuswamy</i>	Course ID: 204028 2025 Fall (4 Credits)
CELLBIO 376L Cell polarity, organoids, cancer biology and therapeutics <i>No meeting time listed</i> <i>Senthil Muthuswamy</i>	Course ID: 204028 2026 Spring (4 Credits)
CELLBIO 378 Bacterial Toxin Entry and Immunoglobulin Transport in Mucosal Epithelial Cells <i>No meeting time listed</i> <i>Wayne Lencer</i>	Course ID: 120177 2025 Fall (4 Credits)
CELLBIO 378 Bacterial Toxin Entry and Immunoglobulin Transport in Mucosal Epithelial Cells <i>No meeting time listed</i> <i>Wayne Lencer</i>	Course ID: 120177 2026 Spring (4 Credits)
CELLBIO 379 BMP Signaling in Organogenesis <i>No meeting time listed</i> <i>Vicki Rosen</i>	Course ID: 120178 2025 Fall (4 Credits)
CELLBIO 379 BMP Signaling in Organogenesis <i>No meeting time listed</i> <i>Vicki Rosen</i>	Course ID: 120178 2026 Spring (4 Credits)
CELLBIO 380 Cytoskeletal Mechanics of Blood Platelet Production	Course ID: 121645 2025 Fall (4 Credits)

No meeting time listed
Joseph Italiano

CELLBIO 380
Cytoskeletal Mechanics of Blood Platelet Production
No meeting time listed
Joseph Italiano

Course ID: 121645
2026 Spring (4 Credits)

CELLBIO 383
Internal and External Sensory Systems
No meeting time listed
Stephen Liberles

Course ID: 125265
2025 Fall (4 Credits)

CELLBIO 383
Internal and External Sensory Systems
No meeting time listed
Stephen Liberles

Course ID: 125265
2026 Spring (4 Credits)

CELLBIO 385
Epigenetic Mechanisms and Genomic Integrity
No meeting time listed
Mo Motamedi

Course ID: 109085
2025 Fall (4 Credits)

CELLBIO 385
Epigenetic Mechanisms and Genomic Integrity
No meeting time listed
Mo Motamedi

Course ID: 109085
2026 Spring (4 Credits)

CELLBIO 386
Systemic metabolism and cancer
No meeting time listed
Nada Kalaany

Course ID: 109086
2025 Fall (4 Credits)

CELLBIO 386
Systemic metabolism and cancer
No meeting time listed
Nada Kalaany

Course ID: 109086
2026 Spring (4 Credits)

CELLBIO 387
Calcium signaling in health and disease
No meeting time listed
Anna Greka

Course ID: 109087
2025 Fall (4 Credits)

CELLBIO 387
Calcium signaling in health and disease
No meeting time listed
Anna Greka

Course ID: 109087
2026 Spring (4 Credits)

CELLBIO 390
**Membrane: Cytoskeleton Interface in Morphogenesis and
Tumorigenesis/Metastasis**

No meeting time listed

Andrea McClatchey

Course ID: 107868
2026 Spring (4 Credits)

CELLBIO 390
**Membrane: Cytoskeleton Interface in Morphogenesis and
Tumorigenesis/Metastasis**

No meeting time listed

Andrea McClatchey

Course ID: 107868
2025 Fall (4 Credits)

CELLBIO 392
Computational & systems biology, statistical physics, cancer therapeutics

No meeting time listed

Chris Sander

Course ID: 207230
2026 Spring (4 Credits)

CELLBIO 392
Computational & systems biology, statistical physics, cancer therapeutics

No meeting time listed

Chris Sander

Course ID: 207230
2025 Fall (4 Credits)

CELLBIO 399
Nanocourses

No meeting time listed

Aimee Hollander

Course ID: 121654
2025 Fall (4 Credits)
Instructor Permission Required

CELLBIO 399
Nanocourses

No meeting time listed

Johanna Gutlerner

Course ID: 121654
2026 Spring (4 Credits)

Speech & Hearing Sciences

SHBT 201

From Sound to Neuron

TR 0300 PM - 0500 PM

Course ID: 108213
2025 Fall (4 Credits)

Acoustics, anatomy, normal biology, biophysics, physiology and morphology of the middle ear and inner ear, its sensory innervation and efferent control systems, and the mechanisms underlying sensorineural hearing loss and medical devices used to treat pathology. Material is presented through lectures, laboratory exercises, discussions of the primary literature, and textbooks.

Course Note: Lecture notes will be available online

FAS Divisional Distribution: None

SHBT 202

Clinical Aspects of Speech and Hearing

MW 0500 PM - 0700 PM

David Jung

Course ID: 108217
2026 Spring (4 Credits)

Instructor Permission Required

An extensive exposure to clinical approaches to speech and hearing disorders as practiced by physicians, audiologists, speech clinicians, rehabilitation specialists, pathologists, and bioengineers. The course includes a series of didactic lectures and discussion sections, as well as observations of patient care in the clinic and operating room. Clinical and surgical experience includes observations of diagnostic and therapeutic procedures in otology, laryngology, audiology, voice and speech clinic, and vestibular neurology.

Course Note: Classes to be held in person at Mass Eye and Ear unless otherwise indicated. Class meeting times may change according to physician, OR, and clinic schedules.

Anatomy of Speech and Hearing, Acoustics of Speech and Hearing, or permission of the course director

FAS Divisional Distribution: None

SHBT 203 (0001)

Anatomy of Speech and Hearing

MTWRF 0900 AM - 1029 AM

Barbara Fullerton, James Heaton

Course ID: 108218
2026 Spring (4 Credits)

Instructor Permission Required

This is now an elective course for graduate students in the SHBT speech and hearing program. It is based on anatomical dissection of the head, neck, and thorax in human cadavers with an emphasis on structures that are important in speech and hearing. Lectures cover basic brain anatomy and neuroscience, including some information on head and neck imaging, surgery, and head and neck cancer

Course Note: This is an intensive January course and is 4 credits. Students should be comfortable with basic biology. Students not enrolled in the SHBT program must get permission from the course director to register for the course.

FAS Divisional Distribution: None

SHBT 205

Audition: Neural Mechanisms, Perception and Cognition

MWF 0930 AM - 1130 AM

Anne Takesian, Joshua McDermott, Daniel Polley, Satrajit Ghosh, Satrajit Ghosh

Course ID: 108224
2026 Spring (4 Credits)

Instructor Permission Required

The course is focused on neural structures and mechanisms mediating the detection, localization and recognition of sounds as well as speech production and perception. General principles are conveyed by theme discussions of cellular and circuit mechanisms of perception and plasticity within the central auditory system, human auditory cortex, pitch and auditory scene analysis, speech, cochlear implants and language.

Course Note: Offered jointly with MIT HST.723 and MIT 9.285

SHBT 261 (0001)

Artificial Intelligence in Medicine

T 0100 PM - 0400 PM

Mengyu Wang, Tobias Elze

This course, offered at Schepens Eye Research Institute, will serve as an introduction to artificial intelligence (AI) with an emphasis on its applications in medicine. The course will begin with classical linear and non-linear regression models, then move to classical machine learning models, including matrix decomposition methods, random forests, support vector machines, and traditional neural networks based on multilayer perceptrons. Finally, it will explore the latest deep neural networks, such as convolutional neural networks, transformers, pretrained foundation models, diffusion models, and large language models. The class will include homework in the form of three mini-projects and one final project, primarily using medical imaging data along with other medical tests and diagnostic information. The last three sessions will be dedicated to special topics, providing an overview of recent developments in common medical AI modeling areas, including segmentation, few-shot learning, anomaly detection, and AI for science.

Course Note: Students should be familiar with at least one programming language such as MATLAB, R or Python.

The structure of this course also includes a discussion component. Any additional details about this component will be provided by the course faculty.

FAS Divisional Distribution: None

SHBT 261 (0001)

Artificial Intelligence in Medicine

T 0100 PM - 0330 PM

Mengyu Wang, Tobias Elze

This course, offered at Schepens Eye Research Institute, will serve as an introduction to artificial intelligence (AI) with an emphasis on its applications in medicine. The course will begin with classical linear and non-linear regression models, then move to classical machine learning models, including matrix decomposition methods, random forests, support vector machines, and traditional neural networks based on multilayer perceptrons. Finally, it will explore the latest deep neural networks, such as convolutional neural networks, transformers, pretrained foundation models, diffusion models, and large language models. The class will include homework in the form of three mini-projects and one final project, primarily using medical imaging data along with other medical tests and diagnostic information. The last three sessions will be dedicated to special topics, providing an overview of recent developments in common medical AI modeling areas, including segmentation, few-shot learning, anomaly detection, and AI for science.

Course Note: Students should be familiar with at least one programming language such as MATLAB, R or Python.

The structure of this course also includes a discussion component. Any additional details about this component will be provided by the course faculty.

FAS Divisional Distribution: None

SHBT 301QC

Introduction to Speech & Hearing Laboratories

No meeting time listed

Gwenaelle Geleoc

Short research presentations by faculty in the Speech and Hearing Bioscience and Technology to help students select a laboratory for research rotations. Some meetings include an on-site laboratory visit.

FAS Divisional Distribution: None

Course ID: 223974
2026 Spring (4 Credits)

Course ID: 223974
2025 Fall (4 Credits)

Course ID: 109015
2025 Fall (2 Credits)

SHBT 303 Sensory Coding and Feedback Control, in the Mammalian Cochlea; Mechanisms of Sensorineural Hearing <i>No meeting time listed</i> <i>M. Liberman</i>	Course ID: 109009 2025 Fall (4 Credits)
SHBT 303 Sensory Coding and Feedback Control, in the Mammalian Cochlea; Mechanisms of Sensorineural Hearing <i>No meeting time listed</i> <i>M. Liberman</i>	Course ID: 109009 2026 Spring (4 Credits)
SHBT 306 Clinical studies of laryngeal voice disorders with an emphasis on the development of improved diagno <i>No meeting time listed</i> <i>Robert Hillman</i>	Course ID: 109012 2025 Fall (4 Credits)
SHBT 306 Clinical studies of laryngeal voice disorders with an emphasis on the development of improved diagno <i>No meeting time listed</i> <i>Robert Hillman</i>	Course ID: 109012 2026 Spring (4 Credits)
SHBT 308 Graduate Research – Geleoc Lab <i>No meeting time listed</i> <i>Gwenaelle Geleoc</i>	Course ID: 215814 2026 Spring (4 Credits)
SHBT 308 Graduate Research – Geleoc Lab <i>No meeting time listed</i> <i>Gwenaelle Geleoc</i>	Course ID: 215814 2025 Fall (4 Credits)
SHBT 309 Graduate Research - Albert Edge lab <i>No meeting time listed</i> <i>Albert Edge</i>	Course ID: 215815 2026 Spring (4 Credits)
SHBT 309 Graduate Research - Albert Edge lab <i>No meeting time listed</i> <i>Albert Edge</i>	Course ID: 215815 2025 Fall (4 Credits)
SHBT 311 Clinical work at MGHHP <i>No meeting time listed</i> <i>Gwenaelle Geleoc</i>	Course ID: 110390 2026 Spring (4 Credits)

SHBT 311	Course ID: 110390
Clinical work at MGHHP	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Gwenaëlle Geleoc</i>	
SHBT 312	Course ID: 215816
Graduate Research - Josh McDermott lab	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Joshua McDermott</i>	
SHBT 312	Course ID: 215816
Graduate Research - Josh McDermott lab	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Joshua McDermott</i>	
SHBT 316	Course ID: 215819
Graduate Research - Daryush Mahta lab	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Daryush Mehta</i>	
SHBT 316	Course ID: 215819
Graduate Research - Daryush Mahta lab	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Daryush Mehta</i>	
SHBT 317	Course ID: 216781
Auditory cortex circuitry and plasticity	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Anne Takesian</i>	
SHBT 317	Course ID: 216781
Auditory cortex circuitry and plasticity	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Anne Takesian</i>	
SHBT 318	Course ID: 216829
SHBT Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Artur Indzhukulian</i>	
SHBT 318	Course ID: 216829
SHBT Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Artur Indzhukulian</i>	
SHBT 319	Course ID: 217426
Graduate Research - Sharon Kujawa lab	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Sharon Kujawa</i>	

SHBT 319	Course ID: 217426
Graduate Research - Sharon Kujawa lab	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Sharon Kujawa</i>	
SHBT 320	Course ID: 217435
Graduate Research - Alexandra Golby lab	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Alexandra Golby</i>	
SHBT 320	Course ID: 217435
Graduate Research - Alexandra Golby lab	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Alexandra Golby</i>	
SHBT 321DR	Course ID: 218505
Graduate Research–Gabrieli Lab	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>John Gabrieli</i>	
SHBT 321DR	Course ID: 218505
Graduate Research–Gabrieli Lab	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>John Gabrieli</i>	
SHBT 322DR (000)	Course ID: 219531
Graduate Research – Puria Lab	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Sunil Puria</i>	
SHBT 322DR	Course ID: 219531
Graduate Research – Puria Lab	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Sunil Puria</i>	
SHBT 323DR (0001)	Course ID: 220287
Graduate Research – Arenberg Lab	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Julie Arenberg</i>	
SHBT 323DR (0001)	Course ID: 220287
Graduate Research – Arenberg Lab	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Julie Arenberg</i>	
SHBT 324DR (0001)	Course ID: 220288
Graduate Research – Richardson Lab	2025 Fall (4 Credits)

No meeting time listed
Robert Richardson

Instructor Permission Required

SHBT 324DR (0001)
Graduate Research – Richardson Lab

Course ID: 220288
2026 Spring (4 Credits)

No meeting time listed
Robert Richardson

Instructor Permission Required

SHBT 325DR (0001)
Graduate Res. – Simonyan Lab

Course ID: 221546
2025 Fall (4 Credits)

No meeting time listed
Kristina Simonyan

Instructor Permission Required

SHBT 325DR (0001)
Graduate Res. – Simonyan Lab

Course ID: 221546
2026 Spring (4 Credits)

No meeting time listed
Kristina Simonyan

Instructor Permission Required

SHBT 326DR (0001)
Graduate Research – Nett Lab

Course ID: 224967
2025 Fall (4 Credits)

No meeting time listed
Ryan Nett

Instructor Permission Required

SHBT 326DR (0001)
Graduate Research – Nett Lab

Course ID: 224967
2026 Spring (4 Credits)

No meeting time listed
Ryan Nett

Instructor Permission Required

SHBT 330
Dissertation Research

Course ID: 110387
2025 Fall (4 Credits)

No meeting time listed
Gwenaelle Geleoc

SHBT 330
Dissertation Research

Course ID: 110387
2026 Spring (4 Credits)

No meeting time listed
Gwenaelle Geleoc

SHBT 333R
Laboratory Rotation in Speech and Hearing Sciences

Course ID: 109014
2025 Fall (4 Credits)

No meeting time listed
Gwenaelle Geleoc

Research on topics in theoretical, experimental, clinical, or translational aspects of Speech and Hearing Sciences arranged on an individual basis with a research supervisor.

Course Note: For SHBT students only

FAS Divisional Distribution: None

SHBT 333R

Laboratory Rotation in Speech and Hearing Sciences

No meeting time listed

Gwenaëlle Geleoc

Research on topics in theoretical, experimental, clinical, or translational aspects of Speech and Hearing Sciences arranged on an individual basis with a research supervisor.

Course Note: For SHBT students only

FAS Divisional Distribution: None

Course ID: 109014
2026 Spring (4 Credits)

SHBT 350

The Neural Basis and Clinical Applications of Speech

No meeting time listed

Satrajit Ghosh

Course ID: 204554
2025 Fall (4 Credits)
Instructor Permission Required

SHBT 350

The Neural Basis and Clinical Applications of Speech

No meeting time listed

Satrajit Ghosh

Course ID: 204554
2026 Spring (4 Credits)

SHBT 360

Mechano-acoustics of sound transmission to the inner ear

No meeting time listed

Hideko Nakajima

Course ID: 204045
2025 Fall (4 Credits)

SHBT 360

Mechano-acoustics of sound transmission to the inner ear

No meeting time listed

Hideko Nakajima

Course ID: 204045
2026 Spring (4 Credits)

DRB 207 (0001)

Course ID: 111215
2026 Spring (4 Credits)

Development, Stem Cells and Regeneration

MW 0200 PM - 0400 PM

Instructor Permission Required

Andrew Lassar, John Flanagan, Guillermo Garcia-Cardena, Vandana Gupta, Vandana Gupta

This class is evenly divided between lectures and conference sessions which cover the principals that guide vertebrate development and stem cell maintenance in various renewing tissues; in addition, we discuss how these principals can be leveraged to generate cells/tissues for regenerative biology or disease modeling in vitro. Specific topics include a molecular dissection of the signaling pathways, gene regulatory networks, and epigenetic mechanisms that control primary axis formation and regional specification, establishment of cell fate, homeotic genes and patterning, cell migration and cell-cell signaling, organoid models of nervous system development and their application, axon development and regeneration, neuromuscular development and mechanistic insights for human birth defects, skeletal muscle stem cells in aging and disease, morphogenesis of branched tubular systems, vasculogenesis, biomechanical regulation of developmental processes, skeletal patterning and development, stem cell maintenance in various renewing tissues, germ cells and pluripotency, and directed differentiation of ES and iPS cells for regeneration and disease modeling. We will discuss how state of the art technologies in iPS organoids, cell lineage labeling, genetic manipulation, and genome wide epigenomic/transcriptomic analyses can be employed to study organ development, stem cells and regeneration.

Students employ the knowledge gained by lectures and conference sessions to identify interesting new research goals in either vertebrate development, stem cell, or regenerative biology and present research proposals to achieve these goals. Thus, the goals of this course are for students to both learn about the molecular tool-kit that evolution has endowed to vertebrates (and other multicellular animals) AND to learn how to synthesize the literature to come up with their own novel research ideas, and develop a strategy to investigate their hypotheses.

Course Note: This course is offered as CELLBIO207 and also as DRB207. Includes lectures and conference sessions in which original literature is discussed in depth. A short research proposal is required in lieu of exams.

Introductory graduate-level courses in both Cell and Molecular Biology.

FAS Divisional Distribution: None

DRB 310

Course ID: 126385
2025 Fall (4 Credits)

Blood Stem Cell Development and Regeneration

No meeting time listed

Trista North

DRB 310

Course ID: 126385
2026 Spring (4 Credits)

Blood Stem Cell Development and Regeneration

No meeting time listed

Trista North

DRB 311

Course ID: 126386
2025 Fall (4 Credits)

Cardiovascular Development and Regeneration

No meeting time listed

Caroline Burns

DRB 311

Course ID: 126386
2026 Spring (4 Credits)

Cardiovascular Development and Regeneration

No meeting time listed

Caroline Burns

DRB 312

Course ID: 126387
2025 Fall (4 Credits)

Epigenetic Modifications and Cellular Identity

No meeting time listed
Alexander Meissner

DRB 312
Epigenetic Modifications and Cellular Identity

No meeting time listed
Alexander Meissner

Course ID: 126387
2026 Spring (4 Credits)

DRB 313
Liver Development, Regeneration and Carcinogenesis

No meeting time listed
Wolfram Goessling

Course ID: 126388
2025 Fall (4 Credits)

DRB 313
Liver Development, Regeneration and Carcinogenesis

No meeting time listed
Wolfram Goessling

Course ID: 126388
2026 Spring (4 Credits)

DRB 314
Investigation of the Molecular Mechanisms Governing Development and Reprogramming of Neuronal Subtyp

No meeting time listed
Paola Arlotta

Course ID: 126389
2025 Fall (4 Credits)

DRB 314
Investigation of the Molecular Mechanisms Governing Development and Reprogramming of Neuronal Subtyp

No meeting time listed
Paola Arlotta

Course ID: 126389
2026 Spring (4 Credits)

DRB 315
Environmental Signaling, Plasticity and Fate Specification during Development

No meeting time listed
Susan Mango

Course ID: 126390
2025 Fall (4 Credits)

DRB 315
Environmental Signaling, Plasticity and Fate Specification during Development

No meeting time listed
Susan Mango

Course ID: 126390
2026 Spring (4 Credits)

DRB 316
Stem Cells and Organ Size Control

No meeting time listed
Fernando Camargo

Course ID: 126391
2025 Fall (4 Credits)

DRB 316
Stem Cells and Organ Size Control

Course ID: 126391
2026 Spring (4 Credits)

No meeting time listed
Fernando Camargo

DRB 317
Stem cells, Cancer, and Hematological Disorders
No meeting time listed
Catherine Yan

Course ID: 126392
2025 Fall (4 Credits)

DRB 317
Stem cells, Cancer, and Hematological Disorders
No meeting time listed
Catherine Yan

Course ID: 126392
2026 Spring (4 Credits)

DRB 318
Adult hippocampal neurogenesis, cognition and affective behaviors
No meeting time listed
Amar Sahay

Course ID: 109351
2026 Spring (4 Credits)

DRB 318
Adult hippocampal neurogenesis, cognition and affective behaviors
No meeting time listed
Amar Sahay

Course ID: 109351
2025 Fall (4 Credits)

DRB 319
Adult mammalian regeneration
No meeting time listed
Qiao Zhou

Course ID: 126786
2025 Fall (4 Credits)

DRB 319
Adult mammalian regeneration
No meeting time listed
Qiao Zhou

Course ID: 126786
2026 Spring (4 Credits)

DRB 320
Lung Regeneration and Lung Disease
No meeting time listed
Jayaraj Rajagopal

Course ID: 127403
2025 Fall (4 Credits)

DRB 320
Lung Regeneration and Lung Disease
No meeting time listed
Jayaraj Rajagopal

Course ID: 127403
2026 Spring (4 Credits)

DRB 321
Stem Cells and Neurodegenerative Disease
No meeting time listed
Lee Rubin

Course ID: 127739
2025 Fall (4 Credits)

DRB 321	Course ID: 127739
Stem Cells and Neurodegenerative Disease	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Lee Rubin</i>	
DRB 322	Course ID: 107628
Regulation of Tissue Stem Cells	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>David Breault</i>	
DRB 322	Course ID: 107628
Regulation of Tissue Stem Cells	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>David Breault</i>	
DRB 325	Course ID: 109121
Biology and Function of Tissue-Specific Stem Cells	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Amy Wagers</i>	
DRB 325	Course ID: 109121
Biology and Function of Tissue-Specific Stem Cells	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Amy Wagers</i>	
DRB 326	Course ID: 109147
Epigenetic Regulation by Large Non-coding RNA	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>John Rinn</i>	
DRB 326	Course ID: 109147
Epigenetic Regulation by Large Non-coding RNA	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>John Rinn</i>	
DRB 327	Course ID: 160767
MicroRNA roles in development and disease	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Frank Slack</i>	
DRB 327	Course ID: 160767
MicroRNA roles in development and disease	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Frank Slack</i>	
DRB 328	Course ID: 203791
Noncoding RNAs in development and fibrosis	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Alan Mullen</i>	

DRB 328

Noncoding RNAs in development and fibrosis

No meeting time listed

Alan Mullen

Course ID: 203791

2026 Spring (4 Credits)

Instructor Permission Required

DRB 329

Progenitors, adipogenesis, and obesity

No meeting time listed

Matthew Steinhauser

Course ID: 203839

2025 Fall (4 Credits)

DRB 329

Progenitors, adipogenesis, and obesity

No meeting time listed

Matthew Steinhauser

Course ID: 203839

2026 Spring (4 Credits)

Instructor Permission Required

DRB 330QC

Experimental Approaches to Stem Cell, Developmental, and Regenerative Biology

MTWRF 1000 AM - 0400 PM

Trista North

Course ID: 122586

2026 Spring (2 Credits)

Instructor Permission Required

Genetics

GENETIC 201

Course ID: 113752
2025 Fall (4 Credits)

Principles of Genetics

MWF 0910 AM - 1040 AM

Fred Winston, Maxwell Heiman, Tom Bernhardt, Matthew Warman, Matthew Warman

An in-depth survey of genetics that covers basic principles and modern approaches. We will draw on examples from various systems, including bacteria, yeast, *Drosophila*, *C. elegans*, zebrafish, mouse, and human.

Course Note: Intended for first-year graduate students.

FAS Divisional Distribution: None

GENETIC 216 (0001)

Course ID: 111358
2026 Spring (4 Credits)

Advanced Topics in Gene Expression

T 0200 PM - 0500 PM

Instructor Permission Required

Fred Winston, Scott Kennedy, Stephen Buratowski

This course covers different topics in gene regulation, covering genetic, genomic, biochemical, and molecular approaches. A small number of topics are discussed in depth, using the primary literature. Topics range from prokaryotic transcription to eukaryotic development.

BCMP 200 and Genetics 201. All students taking Genetics 216 should read and be prepared to discuss the papers for the first meeting. The readings can be downloaded from the course website.

FAS Divisional Distribution: None

GENETIC 228

Course ID: 121745
2026 Spring (4 Credits)

Genetics in Medicine - From Bench to Bedside

F 0200 PM - 0500 PM

Instructor Permission Required

David Sweetser

Focus on translational medicine: the application of basic genetic discoveries to human disease. Each three-hour class will focus on a specific genetic disorder and the approaches currently used to speed the transfer of knowledge from the laboratory to the clinic. Each class will include a clinical discussion, a patient presentation if appropriate, followed by lectures, a detailed discussion of recent laboratory findings and a student-led journal club. Lecturers will highlight current molecular, technological, bioinformatics and statistical approaches that are being used to advance the study of human disease. There is no exam. Students will present one paper per session in a journal club style. Attendance and active participation for the duration of all class meetings is required. If you are unable to attend class or cannot be present for the entire session, you are expected to contact the course instructor. Two incomplete or missed sessions will result in a failing grade. Please do not sign up if you know you will have to miss 2 or more sessions. For more information visit https://ecor.mgh.harvard.edu/Default.aspx?node_id=375

Course Note: Undergraduates wishing to enroll should contact the instructor at dsweetser@mgh.harvard.edu to request permission and give a description of their previous genetics training.

Genetics 201 or equivalent.

FAS Divisional Distribution: None

GENETIC 302QC (0001)

Course ID: 127555
2026 Spring (2 Credits)

Teaching 101: Integrating Educational Research and Teaching Practice

T 0200 PM - 0400 PM

Instructor Permission Required

Aimee Hollander

GENETIC 304 Molecular Genetics Basis of Human Disease, Particularly Cardiovascular Pathogenesis <i>No meeting time listed</i> <i>Christine Seidman</i>	Course ID: 112845 2026 Spring (4 Credits)
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GENETIC 304 Molecular Genetics Basis of Human Disease, Particularly Cardiovascular Pathogenesis <i>No meeting time listed</i> <i>Christine Seidman</i>	Course ID: 114752 2025 Fall (4 Credits)
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GENETIC 305 Centrosomes, Cilia, Cysts and Diseases <i>No meeting time listed</i> <i>Jing Zhou</i>	Course ID: 114752 2025 Fall (4 Credits)
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GENETIC 305 Centrosomes, Cilia, Cysts and Diseases <i>No meeting time listed</i> <i>Jing Zhou</i>	Course ID: 114752 2026 Spring (4 Credits)
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GENETIC 305QC CRISPR genome editing techniques and applications MW 1230 PM - 0200 PM <i>Mandana Arbab, Richard Sherwood</i>	Course ID: 223987 2025 Fall (2 Credits) <i>Instructor Permission Required</i>
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CRISPR genome editing has revolutionized the study of genetics and has shown promise to treat genetic disease at its roots. This course will provide an overview on how CRISPR-based genome editing tools work, how they are used to unravel the genetics of complex disease, and how they are being deployed to ameliorate genetic diseases. The course will combine lectures from experts on the development and use of CRISPR-based tools with seminars on the practical application of and ethical issues surrounding genome editing.

Course Note: Strong background in genetics expected. Course expected to be offered annually.

The structure of this course also includes a discussion component. Any additional details about this component will be provided by the course faculty.

FAS Divisional Distribution: None

GENETIC 306 Inherited Human Disorders <i>No meeting time listed</i> <i>Jonathan Seidman</i>	Course ID: 121121 2025 Fall (4 Credits)
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GENETIC 306 Inherited Human Disorders <i>No meeting time listed</i> <i>Jonathan Seidman</i>	Course ID: 121121 2026 Spring (4 Credits)
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GENETIC 307 Regeneration in Axolotls <i>No meeting time listed</i> <i>Jessica Whited</i>	Course ID: 160766 2025 Fall (4 Credits)
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GENETIC 307 Regeneration in Axolotls <i>No meeting time listed</i> <i>Jessica Whited</i>	Course ID: 160766 2026 Spring (4 Credits)
GENETIC 308 Molecular Biology of Signal Transduction <i>No meeting time listed</i> <i>Brian Seed</i>	Course ID: 116507 2025 Fall (4 Credits)
GENETIC 308 Molecular Biology of Signal Transduction <i>No meeting time listed</i> <i>Brian Seed</i>	Course ID: 116507 2026 Spring (4 Credits)
GENETIC 309 Gene Expression in Yeast <i>No meeting time listed</i> <i>Fred Winston</i>	Course ID: 113402 2025 Fall (4 Credits)
GENETIC 309 Gene Expression in Yeast <i>No meeting time listed</i> <i>Fred Winston</i>	Course ID: 113402 2026 Spring (4 Credits)
GENETIC 310 Molecular Genetics of Neural Development and Gene Therapy to Prevent Blindness <i>No meeting time listed</i> <i>Connie Cepko</i>	Course ID: 118193 2025 Fall (4 Credits)
GENETIC 310 Molecular Genetics of Neural Development and Gene Therapy to Prevent Blindness <i>No meeting time listed</i> <i>Connie Cepko</i>	Course ID: 118193 2026 Spring (4 Credits)
GENETIC 311 Molecular Mechanisms of Transcription Regulation in Mammals <i>No meeting time listed</i> <i>Robert Kingston</i>	Course ID: 121057 2025 Fall (4 Credits)
GENETIC 311 Molecular Mechanisms of Transcription Regulation in Mammals <i>No meeting time listed</i> <i>Robert Kingston</i>	Course ID: 121057 2026 Spring (4 Credits)

GENETIC 312 Genetic analysis of small RNA pathways and surveillance of core cellular systems <i>No meeting time listed</i> Gary Ruvkun	Course ID: 123512 2025 Fall (4 Credits)
GENETIC 312 Genetic analysis of small RNA pathways and surveillance of core cellular systems <i>No meeting time listed</i> Gary Ruvkun	Course ID: 123512 2026 Spring (4 Credits)
GENETIC 313 Genomic Approaches to Human Disease Genetics <i>No meeting time listed</i> David Altshuler	Course ID: 117268 2025 Fall (4 Credits)
GENETIC 313 Genomic Approaches to Human Disease Genetics <i>No meeting time listed</i> David Altshuler	Course ID: 117268 2026 Spring (4 Credits)
GENETIC 315 Molecular Genetics of Inherited Disorders <i>No meeting time listed</i> James Gusella	Course ID: 112919 2025 Fall (4 Credits)
GENETIC 315 Molecular Genetics of Inherited Disorders <i>No meeting time listed</i> James Gusella	Course ID: 112919 2026 Spring (4 Credits)
GENETIC 316 Transcription Factors and DNA Regulatory Elements <i>No meeting time listed</i> Martha Bulyk	Course ID: 117269 2025 Fall (4 Credits)
GENETIC 316 Transcription Factors and DNA Regulatory Elements <i>No meeting time listed</i> Martha Bulyk	Course ID: 117269 2026 Spring (4 Credits)
GENETIC 317 Signaling Networks in Development and Disease <i>No meeting time listed</i> Jordan Kreidberg	Course ID: 111381 2026 Spring (4 Credits)
GENETIC 317 Signaling Networks in Development and Disease	Course ID: 111381 2025 Fall (4 Credits)

No meeting time listed
Jordan Kreidberg

GENETIC 318

Genome Structure

No meeting time listed
George Church

Course ID: 114865
2025 Fall (4 Credits)

GENETIC 318

Genome Structure

No meeting time listed
George Church

Course ID: 114865
2026 Spring (4 Credits)

GENETIC 319 (0001)

Genetic epidemiology of behavior and cognition

No meeting time listed
Elise Robinson

Course ID: 124059
2025 Fall (4 Credits)

Instructor Permission Required

Graduate students register for this course when they permanently join a lab. Students should register under the supervising PI.

Graduate students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

GENETIC 319

Genetic epidemiology of behavior and cognition

No meeting time listed
Elise Robinson

Course ID: 124059
2026 Spring (4 Credits)

Instructor Permission Required

Graduate students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

GENETIC 320

Genetics of Common Human Disease

No meeting time listed
Mark Daly

Course ID: 126368
2025 Fall (4 Credits)

GENETIC 320

Genetics of Common Human Disease

No meeting time listed
Mark Daly

Course ID: 126368
2026 Spring (4 Credits)

GENETIC 321

Genetic Analysis of Growth and Homeostasis

No meeting time listed
Norbert Perrimon

Course ID: 118751
2025 Fall (4 Credits)

GENETIC 321 Genetic Analysis of Growth and Homeostasis <i>No meeting time listed</i> Norbert Perrimon	Course ID: 118751 2026 Spring (4 Credits)
GENETIC 322 Vertebrate Pattern Formation <i>No meeting time listed</i> Clifford Tabin	Course ID: 113859 2025 Fall (4 Credits)
GENETIC 322 Vertebrate Pattern Formation <i>No meeting time listed</i> Clifford Tabin	Course ID: 113859 2026 Spring (4 Credits)
GENETIC 323 Molecular Biology of V(D)J Recombination <i>No meeting time listed</i> Marjorie Oettinger	Course ID: 143860 2025 Fall (4 Credits)
GENETIC 323 Molecular Biology of V(D)J Recombination <i>No meeting time listed</i> Marjorie Oettinger	Course ID: 143860 2026 Spring (4 Credits)
GENETIC 325 Human Genetics, Genomics and Complex Traits <i>No meeting time listed</i> Joel Hirschhorn	Course ID: 117273 2025 Fall (4 Credits)
GENETIC 325 Human Genetics, Genomics and Complex Traits <i>No meeting time listed</i> Joel Hirschhorn	Course ID: 117273 2026 Spring (4 Credits)
GENETIC 325L Kleinstiver lab <i>No meeting time listed</i> Benjamin Kleinstiver	Course ID: 215769 2025 Fall (4 Credits)
GENETIC 325L Kleinstiver lab <i>No meeting time listed</i> Benjamin Kleinstiver	Course ID: 215769 2026 Spring (4 Credits)
GENETIC 326 Human Molecular and Cancer Genetics <i>No meeting time listed</i> David Kwiatkowski	Course ID: 114753 2025 Fall (4 Credits)

GENETIC 326 Human Molecular and Cancer Genetics <i>No meeting time listed</i> David Kwiatkowski	Course ID: 114753 2026 Spring (4 Credits)
GENETIC 327 Systems Biology of Mammalian Cell Fate Decisions <i>No meeting time listed</i> Suzanne Gaudet	Course ID: 126370 2025 Fall (4 Credits)
GENETIC 327 Systems Biology of Mammalian Cell Fate Decisions <i>No meeting time listed</i> Suzanne Gaudet	Course ID: 126370 2026 Spring (4 Credits)
GENETIC 328 Lymphocyte Differentiation, Recombination, DNA Repair, Cancer <i>No meeting time listed</i> Frederick Alt	Course ID: 111897 2026 Spring (4 Credits)
GENETIC 328 Lymphocyte Differentiation, Recombination, DNA Repair, Cancer <i>No meeting time listed</i> Frederick Alt	Course ID: 111897 2025 Fall (4 Credits)
GENETIC 329 Genetic Analysis of Synaptic Transmission <i>No meeting time listed</i> Joshua Kaplan	Course ID: 117637 2025 Fall (4 Credits)
GENETIC 329 Genetic Analysis of Synaptic Transmission <i>No meeting time listed</i> Joshua Kaplan	Course ID: 117637 2026 Spring (4 Credits)
GENETIC 332 Combining genetic and biochemical approaches to elucidate mechanisms underlying cancer <i>No meeting time listed</i> Karen Cichowski	Course ID: 115971 2025 Fall (4 Credits)
GENETIC 332 Combining genetic and biochemical approaches to elucidate mechanisms underlying cancer <i>No meeting time listed</i> Karen Cichowski	Course ID: 115971 2026 Spring (4 Credits)

GENETIC 333 Computational biology of transcriptional and epigenetic regulation <i>No meeting time listed</i> <i>Xiaole (Shirley) Liu</i>	Course ID: 109352 2026 Spring (4 Credits)
GENETIC 333 Computational biology of transcriptional and epigenetic regulation <i>No meeting time listed</i> <i>Xiaole (Shirley) Liu</i>	Course ID: 109352 2025 Fall (4 Credits)
GENETIC 334 Genomics and the Genetics of Human Disease <i>No meeting time listed</i> <i>Raju Kucheralapati</i>	Course ID: 117271 2025 Fall (4 Credits)
GENETIC 334 Genomics and the Genetics of Human Disease <i>No meeting time listed</i> <i>Raju Kucheralapati</i>	Course ID: 117271 2026 Spring (4 Credits)
GENETIC 335 Genetics, epigenetics, gene regulation, evolution, disease <i>No meeting time listed</i> <i>Chao-ting Wu</i>	Course ID: 114764 2025 Fall (4 Credits)
GENETIC 335 Genetics, epigenetics, gene regulation, evolution, disease <i>No meeting time listed</i> <i>Chao-ting Wu</i>	Course ID: 114764 2026 Spring (4 Credits)
GENETIC 336 Developmental Biology of Hematopoiesis <i>No meeting time listed</i> <i>Leonard Zon</i>	Course ID: 120540 2025 Fall (4 Credits)
GENETIC 336 Developmental Biology of Hematopoiesis <i>No meeting time listed</i> <i>Leonard Zon</i>	Course ID: 120540 2026 Spring (4 Credits)
GENETIC 337 Human Molecular Genetics <i>No meeting time listed</i> <i>Stuart Orkin</i>	Course ID: 120637 2025 Fall (4 Credits)
GENETIC 337 Human Molecular Genetics <i>No meeting time listed</i> <i>Stuart Orkin</i>	Course ID: 120637 2026 Spring (4 Credits)

GENETIC 338 Epigenetic inheritance and small regulatory RNAs <i>No meeting time listed</i> <i>Scott Kennedy</i>	Course ID: 159949 2025 Fall (4 Credits)
GENETIC 338 Epigenetic inheritance and small regulatory RNAs <i>No meeting time listed</i> <i>Scott Kennedy</i>	Course ID: 159949 2026 Spring (4 Credits)
GENETIC 340L Mechanisms of microtubule organization <i>No meeting time listed</i> <i>Radhika Subramanian</i>	Course ID: 203801 2025 Fall (4 Credits)
GENETIC 340L Mechanisms of microtubule organization <i>No meeting time listed</i> <i>Radhika Subramanian</i>	Course ID: 203801 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
GENETIC 341 Development and Homeostasis of the Skeleton <i>No meeting time listed</i> <i>Matthew Warman</i>	Course ID: 124135 2025 Fall (4 Credits)
GENETIC 341 Development and Homeostasis of the Skeleton <i>No meeting time listed</i> <i>Matthew Warman</i>	Course ID: 124135 2026 Spring (4 Credits)
GENETIC 342 Genetic Analysis of Zebrafish Kidney Organogenesis <i>No meeting time listed</i> <i>Iain Drummond</i>	Course ID: 124201 2025 Fall (4 Credits)
GENETIC 342 Genetic Analysis of Zebrafish Kidney Organogenesis <i>No meeting time listed</i> <i>Iain Drummond</i>	Course ID: 124201 2026 Spring (4 Credits)
GENETIC 343 Zebrafish Cardiovascular Development and Regeneration <i>No meeting time listed</i> <i>Charles Burns</i>	Course ID: 110244 2026 Spring (4 Credits)
GENETIC 343 Zebrafish Cardiovascular Development and Regeneration	Course ID: 110244 2025 Fall (4 Credits)

No meeting time listed
Charles Burns

GENETIC 345
Computational Biology of Cancer
No meeting time listed
Franziska Michor

Course ID: 160951
2025 Fall (4 Credits)

GENETIC 345
Computational Biology of Cancer
No meeting time listed
Franziska Michor

Course ID: 160951
2026 Spring (4 Credits)

GENETIC 345L
Molecular basis of digit tip regeneration
No meeting time listed
Jessica Lehoczky

Course ID: 217450
2025 Fall (4 Credits)
Instructor Permission Required

GENETIC 345L
Molecular basis of digit tip regeneration
No meeting time listed
Jessica Lehoczky

Course ID: 217450
2026 Spring (4 Credits)
Instructor Permission Required

GENETIC 347
Ras signaling and colon cancer
No meeting time listed
Kevin Haigis

Course ID: 107886
2026 Spring (4 Credits)

GENETIC 347
Ras signaling and colon cancer
No meeting time listed
Kevin Haigis

Course ID: 107886
2025 Fall (4 Credits)

GENETIC 348
The Regenerative Biology of Tendons and Ligaments
No meeting time listed
Jenna Galloway

Course ID: 156719
2025 Fall (4 Credits)

GENETIC 348
The Regenerative Biology of Tendons and Ligaments
No meeting time listed
Jenna Galloway

Course ID: 156719
2026 Spring (4 Credits)

GENETIC 349 (0001)
Current Tools for Gene Analysis
TR 0100 PM - 0300 PM
Neena Haider

Course ID: 156915
2026 Spring (4 Credits)
Instructor Permission Required

GENETIC 350 Genetic Regulation of Organogenesis and Organ Regeneration <i>No meeting time listed</i> Richard Maas	Course ID: 114732 2025 Fall (4 Credits)
GENETIC 350 Genetic Regulation of Organogenesis and Organ Regeneration <i>No meeting time listed</i> Richard Maas	Course ID: 114732 2026 Spring (4 Credits)
GENETIC 351L Musculo-skeletal development <i>No meeting time listed</i> Olivier Pourquie	Course ID: 203793 2025 Fall (4 Credits)
GENETIC 351L Musculo-skeletal development <i>No meeting time listed</i> Olivier Pourquie	Course ID: 203793 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
GENETIC 352 Cardiovascular Development and Disease, Muscle Biology <i>No meeting time listed</i> Da-Zhi Wang	Course ID: 127376 2025 Fall (4 Credits)
GENETIC 352 Cardiovascular Development and Disease, Muscle Biology <i>No meeting time listed</i> Da-Zhi Wang	Course ID: 127376 2026 Spring (4 Credits)
GENETIC 353 Genetics of Human Disease <i>No meeting time listed</i> Susan Slaughaupt	Course ID: 122745 2025 Fall (4 Credits)
GENETIC 353 Genetics of Human Disease <i>No meeting time listed</i> Susan Slaughaupt	Course ID: 122745 2026 Spring (4 Credits)
GENETIC 356 Research in Molecular Cytogenetics <i>No meeting time listed</i> Cynthia Morton	Course ID: 107887 2026 Spring (4 Credits)
GENETIC 356 Research in Molecular Cytogenetics <i>No meeting time listed</i> Cynthia Morton	Course ID: 107887 2025 Fall (4 Credits)

GENETIC 357 Lung Stem Cell Biology and Cancer <i>No meeting time listed</i> Carla Kim	Course ID: 123104 2025 Fall (4 Credits)
GENETIC 357 Lung Stem Cell Biology and Cancer <i>No meeting time listed</i> Carla Kim	Course ID: 123104 2026 Spring (4 Credits)
GENETIC 358 Developmental Neurobiology and Genetics <i>No meeting time listed</i> Susan Dymecki	Course ID: 123342 2025 Fall (4 Credits)
GENETIC 358 Developmental Neurobiology and Genetics <i>No meeting time listed</i> Susan Dymecki	Course ID: 123342 2026 Spring (4 Credits)
GENETIC 359 Cancer and development, intestinal development/differentiation <i>No meeting time listed</i> Ramesh Shivdasani	Course ID: 117740 2025 Fall (4 Credits)
GENETIC 359 Cancer and development, intestinal development/differentiation <i>No meeting time listed</i> Ramesh Shivdasani	Course ID: 117740 2026 Spring (4 Credits)
GENETIC 360 Microtubule Associated RNAs During Mitosis <i>No meeting time listed</i> Michael Demian Blower	Course ID: 123002 2025 Fall (4 Credits)
GENETIC 360 Microtubule Associated RNAs During Mitosis <i>No meeting time listed</i> Michael Demian Blower	Course ID: 123002 2026 Spring (4 Credits)
GENETIC 361 Epigenetic regulation by long noncoding RNAs <i>No meeting time listed</i> Jeannie Lee	Course ID: 125583 2025 Fall (4 Credits)
GENETIC 361 Epigenetic regulation by long noncoding RNAs	Course ID: 125583 2026 Spring (4 Credits)

No meeting time listed
Jeannie Lee

GENETIC 368
Molecular Genetics of Aging and Neurodegenerative Disorders
No meeting time listed
Bruce Yankner

Course ID: 128166
2025 Fall (4 Credits)

GENETIC 368
Molecular Genetics of Aging and Neurodegenerative Disorders
No meeting time listed
Bruce Yankner

Course ID: 128166
2026 Spring (4 Credits)

GENETIC 369
Molecular Mechanisms of Plant Signal Transduction
No meeting time listed
Jen Sheen

Course ID: 115351
2025 Fall (4 Credits)

GENETIC 369
Molecular Mechanisms of Plant Signal Transduction
No meeting time listed
Jen Sheen

Course ID: 115351
2026 Spring (4 Credits)

GENETIC 370
Molecular Basis of Breast Cancer Initiation and Progression
No meeting time listed
Kornelia Polyak

Course ID: 115356
2025 Fall (4 Credits)

GENETIC 370
Molecular Basis of Breast Cancer Initiation and Progression
No meeting time listed
Kornelia Polyak

Course ID: 115356
2026 Spring (4 Credits)

GENETIC 371
Functional Genomics and Proteomics
No meeting time listed
Marc Vidal

Course ID: 115465
2025 Fall (4 Credits)

GENETIC 371
Functional Genomics and Proteomics
No meeting time listed
Marc Vidal

Course ID: 115465
2026 Spring (4 Credits)

GENETIC 372
Molecular Mechanisms of Aging and Age Related Diseases
No meeting time listed
David Sinclair

Course ID: 128167
2025 Fall (4 Credits)

GENETIC 372 Molecular Mechanisms of Aging and Age Related Diseases <i>No meeting time listed</i> David Sinclair	Course ID: 128167 2026 Spring (4 Credits)
GENETIC 373 Kidney Disease, Genetics, Cytoskeleton <i>No meeting time listed</i> Martin Pollak	Course ID: 117272 2025 Fall (4 Credits)
GENETIC 373 Kidney Disease, Genetics, Cytoskeleton <i>No meeting time listed</i> Martin Pollak	Course ID: 117272 2026 Spring (4 Credits)
GENETIC 374 Mechanisms underlying accurate meiotic chromosome segregation <i>No meeting time listed</i> Monica Colaiacovo	Course ID: 120007 2025 Fall (4 Credits)
GENETIC 374 Mechanisms underlying accurate meiotic chromosome segregation <i>No meeting time listed</i> Monica Colaiacovo	Course ID: 120007 2026 Spring (4 Credits)
GENETIC 376 Cell Cycle Control and Genomic Integrity <i>No meeting time listed</i> Stephen Elledge	Course ID: 120008 2025 Fall (4 Credits)
GENETIC 376 Cell Cycle Control and Genomic Integrity <i>No meeting time listed</i> Stephen Elledge	Course ID: 120008 2026 Spring (4 Credits)
GENETIC 377 Molecular Genetics of Chromosome Organization and Gene Expression <i>No meeting time listed</i> Mitzi Kuroda	Course ID: 120009 2025 Fall (4 Credits)
GENETIC 377 Molecular Genetics of Chromosome Organization and Gene Expression <i>No meeting time listed</i> Mitzi Kuroda	Course ID: 120009 2026 Spring (4 Credits)
GENETIC 378 Aging, Stress Defenses, and Developmental Gene Regulation in <i>C. elegans</i> <i>No meeting time listed</i> T. Keith Blackwell	Course ID: 128168 2025 Fall (4 Credits)

<p>GENETIC 378</p> <p>Aging, Stress Defenses, and Developmental Gene Regulation in <i>C. elegans</i></p> <p><i>No meeting time listed</i></p> <p><i>T. Keith Blackwell</i></p>	<p>Course ID: 128168</p> <p>2026 Spring (4 Credits)</p>
<p>GENETIC 379</p> <p>Applying Population Genetics to Find Disease Genes</p> <p><i>No meeting time listed</i></p> <p><i>David Reich</i></p>	<p>Course ID: 119612</p> <p>2025 Fall (4 Credits)</p>
<p>GENETIC 379</p> <p>Applying Population Genetics to Find Disease Genes</p> <p><i>No meeting time listed</i></p> <p><i>David Reich</i></p>	<p>Course ID: 119612</p> <p>2026 Spring (4 Credits)</p>
<p>GENETIC 380</p> <p>Molecular Approaches to Metabolism and Energy Balance</p> <p><i>No meeting time listed</i></p> <p><i>Evan Rosen</i></p>	<p>Course ID: 120011</p> <p>2025 Fall (4 Credits)</p>
<p>GENETIC 380</p> <p>Molecular Approaches to Metabolism and Energy Balance</p> <p><i>No meeting time listed</i></p> <p><i>Evan Rosen</i></p>	<p>Course ID: 120011</p> <p>2026 Spring (4 Credits)</p>
<p>GENETIC 382</p> <p>Muscle Stem Cell Commitment and Differentiation</p> <p><i>No meeting time listed</i></p> <p><i>Emanuela Gussoni</i></p>	<p>Course ID: 120180</p> <p>2025 Fall (4 Credits)</p>
<p>GENETIC 382</p> <p>Muscle Stem Cell Commitment and Differentiation</p> <p><i>No meeting time listed</i></p> <p><i>Emanuela Gussoni</i></p>	<p>Course ID: 120180</p> <p>2026 Spring (4 Credits)</p>
<p>GENETIC 383L</p> <p>Genome structure and function, Neuropsychiatric genomics</p> <p><i>No meeting time listed</i></p> <p><i>Michael Talkowski</i></p>	<p>Course ID: 204036</p> <p>2025 Fall (4 Credits)</p>
<p>GENETIC 383L</p> <p>Genome structure and function, Neuropsychiatric genomics</p> <p><i>No meeting time listed</i></p> <p><i>Michael Talkowski</i></p>	<p>Course ID: 204036</p> <p>2026 Spring (4 Credits)</p>
<p>GENETIC 384</p> <p>Molecular mechanisms of cell ultrastructure</p>	<p>Course ID: 121653</p> <p>2025 Fall (4 Credits)</p>

No meeting time listed
Luke Chao

Instructor Permission Required

GENETIC 384
Molecular mechanisms of cell ultrastructure
No meeting time listed
Luke Chao

Course ID: 121653
2026 Spring (4 Credits)
Instructor Permission Required

GENETIC 385
Cell Cycle Proteins in Development and Cancer
No meeting time listed
Peter Sicinski

Course ID: 128169
2025 Fall (4 Credits)

GENETIC 385
Cell Cycle Proteins in Development and Cancer
No meeting time listed
Peter Sicinski

Course ID: 128169
2026 Spring (4 Credits)

GENETIC 387
Stem Cells and Developmental Biology
No meeting time listed
Chad Cowan

Course ID: 125403
2025 Fall (4 Credits)

GENETIC 387
Stem Cells and Developmental Biology
No meeting time listed
Chad Cowan

Course ID: 125403
2026 Spring (4 Credits)

GENETIC 388
Genetics of Neuronal Morphogenesis and Connectivity in C. Elegans
No meeting time listed
Maxwell Heiman

Course ID: 127400
2025 Fall (4 Credits)

GENETIC 388
Genetics of Neuronal Morphogenesis and Connectivity in C. Elegans
No meeting time listed
Maxwell Heiman

Course ID: 127400
2026 Spring (4 Credits)

GENETIC 390QC
Bootcamp: Experimental Approaches in Genetics
MTWRFS 0830 AM - 0500 PM
Scott Kennedy

Course ID: 125362
2026 Spring (2 Credits)
Instructor Permission Required

GENETIC 391
Genetic and genomic basis of biological variation
No meeting time listed
Steven McCarroll

Course ID: 127407
2025 Fall (4 Credits)

GENETIC 391 Genetic and genomic basis of biological variation <i>No meeting time listed</i> Steven McCarroll	Course ID: 127407 2026 Spring (4 Credits)
GENETIC 392 Self-Renewal and Cancer <i>No meeting time listed</i> David Langenau	Course ID: 108113 2026 Spring (4 Credits)
GENETIC 392 Self-Renewal and Cancer <i>No meeting time listed</i> David Langenau	Course ID: 108113 2025 Fall (4 Credits)
GENETIC 393 Genetic basis of skeletal development and evolution <i>No meeting time listed</i> Matthew Harris	Course ID: 128192 2025 Fall (4 Credits)
GENETIC 393 Genetic basis of skeletal development and evolution <i>No meeting time listed</i> Matthew Harris	Course ID: 128192 2026 Spring (4 Credits)
GENETIC 395 Regulation of global gene expression at high resolution <i>No meeting time listed</i> Stirling Churchman	Course ID: 107761 2026 Spring (4 Credits)
GENETIC 395 Regulation of global gene expression at high resolution <i>No meeting time listed</i> Stirling Churchman	Course ID: 107761 2025 Fall (4 Credits)
GENETIC 397 Immunogenomics <i>No meeting time listed</i> Soumya Raychaudhuri	Course ID: 107630 2026 Spring (4 Credits)
GENETIC 397 Immunogenomics <i>No meeting time listed</i> Soumya Raychaudhuri	Course ID: 107630 2025 Fall (4 Credits)
GENETIC 398 Epigenetic regulation in stem cell/development & disease <i>No meeting time listed</i> Yi Zhang	Course ID: 109349 2026 Spring (4 Credits)

BBS 230 (0001)

Course ID: 108994
2025 Fall (4 Credits)

Analysis of Biological Literature and Experimental Design

TR 1000 AM - 1200 PM

Instructor Permission Required

David Van Vactor

BBS 230 is a research skills core course required for all BBS first-year graduate students that is designed to build (a) familiarity with the scientific peer review process, (b) a deeper understanding of rigorous experimental design, data presentation, data analysis and data interpretation in the literature, and (c) increasing competency in applying effective experimental design principles to future project planning. Our training in literature analysis is comprised of two related components: (1) eight weekly seminar-style, small group paper discussions with pairs of Harvard faculty instructors that will focus on understanding, dissecting, and evaluating a dozen seminal research papers; and (2) parallel weekly sections led by teaching fellows that focus on the process of peer review and revision of two different scientific manuscripts. In separate sessions, you will engage groups of professional journal editors or faculty members in panel discussions to explore the process of peer review and publishing from different perspectives. Then, toward the end of the course, you will plan and outline your own study design for a current or future project (e.g. current or future rotation), thus applying many of the elements that you have considered in the various section discussions. Finally, you will hold one-on-one conferences to with your teaching fellows to discuss reflections on your goals and strategy for the year ahead.

Course Note: BBS 230 is open for enrollment only to BBS and BIG students. This course is required for first-year BBS students.

FAS Divisional Distribution: None

BBS 309

Course ID: 215770
2026 Spring (4 Credits)

Gene regulation, epigenetics and single-cell technologies

No meeting time listed

Jason Buenrostro

BBS 309

Course ID: 215770
2025 Fall (4 Credits)

Gene regulation, epigenetics and single-cell technologies

No meeting time listed

Jason Buenrostro

BBS 311

Course ID: 215771
2026 Spring (4 Credits)

Meromit Singer lab

No meeting time listed

Meromit Singer

BBS 311

Course ID: 215771
2025 Fall (4 Credits)

Meromit Singer lab

No meeting time listed

Meromit Singer

BBS 320

Course ID: 215804
2026 Spring (4 Credits)

Cellular signaling and metabolism

No meeting time listed

Christian Dibble

Instructor Permission Required

BBS 320

Course ID: 215804
2025 Fall (4 Credits)

Cellular signaling and metabolism

BBS 330QC (0001)

Critical Thinking & Research Proposal Writing

R 0200 PM - 0300 PM

Jessica Lehoczky, April Craft

A small group tutorial systematically guiding students in the writing of original, hypothesis-driven research proposals from initial topic selection through completion of a final draft.

Course Note: This course is open to second year BBS students. Others need permission of the instructors. Dates, times and locations for small group sessions are determined by the faculty running the small group sessions. Three in person lectures will provide guidelines for preparing drafts and peer reviews. Two small group sessions vary as scheduled by faculty instructors.

Check course website for downloadable material

FAS Divisional Distribution: None

Course ID: 224342
2025 Fall (2 Credits)

BBS 331R

Functional characterization of the cancer genome

No meeting time listed

William Sellers

Course ID: 215797
2026 Spring (4 Credits)

Instructor Permission Required

BBS 331R

Functional characterization of the cancer genome

No meeting time listed

William Sellers

Course ID: 215797
2025 Fall (4 Credits)

Instructor Permission Required

BBS 332R

Human genetic studies of blood production and disease

No meeting time listed

Vijay Sankaran

Course ID: 215798
2026 Spring (4 Credits)

Instructor Permission Required

BBS 332R

Human genetic studies of blood production and disease

No meeting time listed

Vijay Sankaran

Course ID: 215798
2025 Fall (4 Credits)

Instructor Permission Required

BBS 333R

Introduction to Research in Biological and Biomedical Sciences

No meeting time listed

David Van Vactor

Course ID: 110559
2025 Fall (4 Credits)

BBS 333R

Introduction to Research in Biological and Biomedical Sciences

No meeting time listed

David Van Vactor

Course ID: 110559
2026 Spring (4 Credits)

BBS 334DR

Graduate Research-Jackson Lab

No meeting time listed

Course ID: 217881
2026 Spring (4 Credits)

Instructor Permission Required

BBS 334DR
Graduate Research-Jackson Lab
No meeting time listed
Ruaidhri Jackson

Course ID: 217881
2025 Fall (4 Credits)
Instructor Permission Required

BBS 335
Statistical methods for cancer and complex traits
No meeting time listed
Alexander Gusev

Course ID: 215772
2026 Spring (4 Credits)

BBS 335
Statistical methods for cancer and complex traits
No meeting time listed
Alexander Gusev

Course ID: 215772
2025 Fall (4 Credits)

BBS 335DR
Graduate Research-Aguirre Lab
No meeting time listed
Andrew Aguirre

Course ID: 217882
2026 Spring (4 Credits)
Instructor Permission Required

BBS 335DR
Graduate Research-Aguirre Lab
No meeting time listed
Andrew Aguirre

Course ID: 217882
2025 Fall (4 Credits)
Instructor Permission Required

BBS 336DR
Graduate Research-Rakoff-Nahoum Lab
No meeting time listed
Seth Rakoff-Nahoum

Course ID: 217883
2026 Spring (4 Credits)
Instructor Permission Required

BBS 336DR
Graduate Research-Rakoff-Nahoum Lab
No meeting time listed
Seth Rakoff-Nahoum

Course ID: 217883
2025 Fall (4 Credits)
Instructor Permission Required

BBS 337DR
Graduate Research – Filbin Lab
No meeting time listed
Mariella Filbin

Course ID: 217889
2026 Spring (4 Credits)
Instructor Permission Required

BBS 337DR
Graduate Research – Filbin Lab
No meeting time listed
Mariella Filbin

Course ID: 217889
2025 Fall (4 Credits)
Instructor Permission Required

BBS 338DR	Course ID: 217908
Graduate Research – Lee Lab	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Amy Lee	
BBS 338DR	Course ID: 217908
Graduate Research – Lee Lab	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Amy Lee	
BBS 339DR	Course ID: 217909
Graduate Research - Rao Lab	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Deepak Rao	
BBS 339DR	Course ID: 217909
Graduate Research - Rao Lab	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Deepak Rao	
BBS 340R	Course ID: 217475
Folate metabolism in cancer and other pathologies	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Naama Kanarek	
BBS 340R	Course ID: 217475
Folate metabolism in cancer and other pathologies	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Naama Kanarek	
BBS 341DR	Course ID: 218891
Graduate Research - Jost Lab	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Marco Jost	
BBS 341DR	Course ID: 218891
Graduate Research - Jost Lab	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Marco Jost	
BBS 342DR	Course ID: 218893
Graduate Research - Farnung Lab	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Lucas Farnung	
BBS 342DR	Course ID: 218893
Graduate Research - Farnung Lab	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Lucas Farnung	

BBS 343DR Graduate Research–Muranen Lab <i>No meeting time listed</i> <i>Taru Muranen</i>	Course ID: 218467 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BBS 343DR Graduate Research–Muranen Lab <i>No meeting time listed</i> <i>Taru Muranen</i>	Course ID: 218467 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BBS 344DR Graduate Research – Craft Lab <i>No meeting time listed</i> <i>April Craft</i>	Course ID: 219604 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BBS 344DR Graduate Research – Craft Lab <i>No meeting time listed</i> <i>April Craft</i>	Course ID: 219604 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BBS 345DR (0001) Graduate Research – Rashidian Lab <i>No meeting time listed</i> <i>Mohammad Rashidian</i>	Course ID: 219958 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BBS 345DR (0001) Graduate Research – Rashidian Lab <i>No meeting time listed</i> <i>Mohammad Rashidian</i>	Course ID: 219958 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BBS 346DR (0001) Graduate Research – Hata Lab <i>No meeting time listed</i> <i>Aaron Hata</i>	Course ID: 220848 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BBS 346DR (0001) Graduate Research – Hata Lab <i>No meeting time listed</i> <i>Aaron Hata</i>	Course ID: 220848 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BBS 347DR (0001) Graduate Res. – Naxerova Lab <i>No meeting time listed</i> <i>Kamila Naxerova</i>	Course ID: 220855 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BBS 347DR (0001) Graduate Res. – Naxerova Lab	Course ID: 220855 2026 Spring (4 Credits)

No meeting time listed
Kamila Naxerova

Instructor Permission Required

BBS 348DR (0001)
Graduate Research – Chen Lab
No meeting time listed
Fei Chen

Course ID: 220856
2025 Fall (4 Credits)

Instructor Permission Required

BBS 348DR (0001)
Graduate Research – Chen Lab
No meeting time listed
Fei Chen

Course ID: 220856
2026 Spring (4 Credits)

Instructor Permission Required

BBS 349DR (0001)
Graduate Res. – Kajimura lab
No meeting time listed
Shingo Kajimura

Course ID: 221564
2025 Fall (4 Credits)

Instructor Permission Required

BBS 349DR (0001)
Graduate Res. – Kajimura lab
No meeting time listed
Shingo Kajimura

Course ID: 221564
2026 Spring (4 Credits)

Instructor Permission Required

BBS 351DR (0001)
Graduate Research – Fishman Lab
No meeting time listed
Mark Fishman

Course ID: 221737
2026 Spring (4 Credits)

Instructor Permission Required

BBS 351DR (0001)
Graduate Research – Fishman Lab
No meeting time listed
Mark Fishman

Course ID: 221737
2025 Fall (4 Credits)

Instructor Permission Required

BBS 352DR (0001)
Graduate Research – Simoes Costa
No meeting time listed
Marcos Simoes-Costa

Course ID: 222009
2026 Spring (4 Credits)

Instructor Permission Required

BBS 352DR (0001)
Graduate Research – Simoes Costa
No meeting time listed
Marcos Simoes-Costa

Course ID: 222009
2025 Fall (4 Credits)

Instructor Permission Required

BBS 353DR
Graduate Research – Zhou Lab
No meeting time listed
Xin Zhou

Course ID: 222721
2025 Fall (4 Credits)

Instructor Permission Required

BBS 353DR Graduate Research – Zhou Lab <i>No meeting time listed</i> <i>Xin Zhou</i>	Course ID: 222721 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BBS 354DR (0001) Grad. Res. - Bandopadhayay Lab <i>No meeting time listed</i> <i>Pratiti Bandopadhayay</i>	Course ID: 223056 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BBS 354DR (0001) Grad. Res. - Bandopadhayay Lab <i>No meeting time listed</i> <i>Pratiti Bandopadhayay</i>	Course ID: 223056 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BBS 355DR (0001) Graduate Res. – McKinley Lab <i>No meeting time listed</i> <i>Kara McKinley</i>	Course ID: 223072 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BBS 355DR (0001) Graduate Res. – McKinley Lab <i>No meeting time listed</i> <i>Kara McKinley</i>	Course ID: 223072 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BBS 356 Suneet Agarwal Lab <i>No meeting time listed</i> <i>Suneet Agarwal</i>	Course ID: 217420 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BBS 356 Suneet Agarwal Lab <i>No meeting time listed</i> <i>Suneet Agarwal</i>	Course ID: 217420 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BBS 356DR (0001) Graduate Research–Polizzi Lab <i>No meeting time listed</i> <i>Nicholas Polizzi</i>	Course ID: 223853 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BBS 356DR (0001) Graduate Research–Polizzi Lab <i>No meeting time listed</i> <i>Nicholas Polizzi</i>	Course ID: 223853 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BBS 357DR (0001) Graduate Research – Cui Lab <i>No meeting time listed</i> <i>Miao Cui</i>	Course ID: 223854 2026 Spring (4 Credits) <i>Instructor Permission Required</i>

BBS 357DR Graduate Research – Cui Lab <i>No meeting time listed</i> Miao Cui	Course ID: 223854 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BBS 358DR (0001) Graduate Research – Hwang Lab <i>No meeting time listed</i> William Hwang	Course ID: 223855 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BBS 358DR (0001) Graduate Research – Hwang Lab <i>No meeting time listed</i> William Hwang	Course ID: 223855 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BBS 359DR (0001) Graduate Research –Myong Lab <i>No meeting time listed</i> Sua Myong	Course ID: 223896 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BBS 359DR (0001) Graduate Research –Myong Lab <i>No meeting time listed</i> Sua Myong	Course ID: 223896 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BBS 360DR (0001) Graduate Research – Nissim Lab <i>No meeting time listed</i> Sahar Nissim	Course ID: 224093 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BBS 361DR (0001) Graduate Research – Chaikof Lab <i>No meeting time listed</i> Elliot Chaikof	Course ID: 224941 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BBS 361DR (0001) Graduate Research – Chaikof Lab <i>No meeting time listed</i> Elliot Chaikof	Course ID: 224941 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
BBS 362DR (0001) Graduate Research – Burns Lab <i>No meeting time listed</i> Kathleen Burns	Course ID: 224951 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
BBS 362DR (0001) Graduate Research – Burns Lab	Course ID: 224951 2026 Spring (4 Credits)

No meeting time listed
Kathleen Burns

Instructor Permission Required

BBS 363DR (0001)
Graduate Research – Bhattacharyya Lab
No meeting time listed
Roby Bhattacharyya

Course ID: 224968
2025 Fall (4 Credits)

Instructor Permission Required

BBS 363DR (0001)
Graduate Research – Bhattacharyya Lab
No meeting time listed
Roby Bhattacharyya

Course ID: 224968
2026 Spring (4 Credits)

Instructor Permission Required

BBS 364DR (0001)
Graduate Research – Gutierrez-Arcelus Lab
No meeting time listed
Maria Gutierrez-Arcelus

Course ID: 225743
2025 Fall (4 Credits)

Instructor Permission Required

BBS 364DR (0001)
Graduate Research – Gutierrez-Arcelus Lab
No meeting time listed
Maria Gutierrez-Arcelus

Course ID: 225743
2026 Spring (4 Credits)

Instructor Permission Required

BBS 365
Identification of new protein targets and small-molecule modulators of malignancy
No meeting time listed
Kimberly Stegmaier

Course ID: 205974
2025 Fall (4 Credits)

BBS 365
Identification of new protein targets and small-molecule modulators of malignancy
No meeting time listed
Kimberly Stegmaier

Course ID: 205974
2026 Spring (4 Credits)

BBS 366
Statistical methods for cancer epigenetics
No meeting time listed
Martin Aryee

Course ID: 207171
2026 Spring (4 Credits)

BBS 366
Statistical methods for cancer epigenetics
No meeting time listed
Martin Aryee

Course ID: 207171
2025 Fall (4 Credits)

BBS 366DR (0001)
Graduate Research – Johnstone Lab
No meeting time listed
Sarah Johnstone

Course ID: 226231
2025 Fall (4 Credits)

Instructor Permission Required

Medical Sciences

MED-SCI 300QC Responsible Conduct of Science <i>No meeting time listed</i> <i>Rosalind Segal, Aimee Hollander</i>	Course ID: 127507 2025 Fall (2 Credits)
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MED-SCI 302QC Responsible Conduct of Science Refresher <i>No meeting time listed</i> <i>Rosalind Segal, Aimee Hollander</i>	Course ID: 109073 2025 Fall (2 Credits)
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MED-SCI 303 Cancer Genomics <i>No meeting time listed</i> <i>Rameen Beroukhim</i>	Course ID: 109421 2026 Spring (4 Credits)
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MED-SCI 303 Cancer Genomics <i>No meeting time listed</i> <i>Rameen Beroukhim</i>	Course ID: 109421 2025 Fall (4 Credits)
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MED-SCI 304 Methods in Single-Cell RNA-seq Analysis <i>No meeting time listed</i> <i>Peter Kharchenko</i>	Course ID: 156846 2025 Fall (4 Credits)
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MED-SCI 304 Methods in Single-Cell RNA-seq Analysis <i>No meeting time listed</i> <i>Peter Kharchenko</i>	Course ID: 156846 2026 Spring (4 Credits)
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MED-SCI 317 Dev & app of genomic technologies and next-generation sequencing for analyzing cancer mutations <i>No meeting time listed</i> <i>Gad Getz</i>	Course ID: 161308 2025 Fall (4 Credits)
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MED-SCI 317 Dev & app of genomic technologies and next-generation sequencing for analyzing cancer mutations <i>No meeting time listed</i> <i>Gad Getz</i>	Course ID: 161308 2026 Spring (4 Credits)
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MED-SCI 318 Clinical computational oncology for precision cancer medicine <i>No meeting time listed</i> <i>Eliezer Van Allen</i>	Course ID: 203015 2025 Fall (4 Credits)
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MED-SCI 318	Course ID: 203015
Clinical computational oncology for precision cancer medicine	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>Eliezer Van Allen</i>	

MED-SCI 325	Course ID: 203031
Internships	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Rosalind Segal</i>	

MED-SCI 325	Course ID: 203031
Internships	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Rosalind Segal, Catherine Dubreuil</i>	

MED-SCI 350C	Course ID: 208153
DMS TIME:Course Related Work	2025 Fall (2 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Rosalind Segal</i>	

MED-SCI 350C	Course ID: 208153
DMS TIME:Course Related Work	2026 Spring (2 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Rosalind Segal</i>	

MED-SCI 350R	Course ID: 208155
DMS TIME:Research Related Work	2025 Fall (2 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Rosalind Segal</i>	

MED-SCI 350R	Course ID: 208155
DMS TIME:Research Related Work	2026 Spring (2 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Rosalind Segal</i>	

MED-SCI 350T	Course ID: 208163
DMS TIME: Teaching Fellow Related	2025 Fall (2 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Rosalind Segal</i>	

MED-SCI 350T	Course ID: 208163
DMS TIME: Teaching Fellow Related	2026 Spring (2 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Rosalind Segal</i>	

Medieval Studies

MEDVLSTD 10

Course ID: 222836
2025 Fall (4 Credits)

Introduction to the Medieval World

T 1245 PM - 0245 PM

Sean Gilsdorf, Brian FitzGerald

Join us for a journey through the cultures, peoples, objects, and ideas of the millennium commonly described as "medieval", extending from the reorganization of the Eurasian world in the fourth century to its transformation in the fifteenth. With primary documents in translation and medieval books and objects in Harvard's collections as your guides, you will travel virtually through a series of medieval spaces and places—Jewish, Christian, and Islamic houses of worship, homes, palaces, schools, marketplaces, and the open road—meet the fascinating people who occupied them, and uncover how those people lived, the stories that they told, the voyages that they took, and the things that they made.

Course Note: This course is offered by History & Literature as HIST-LIT 10AB and by Medieval Studies as MDVLSTD 10. It can be taken for concentration credit in History & Literature, and to fulfill the "Foundational" or "History" field requirement for the Secondary Field in Medieval Studies. Credit may be earned for either MDVLSTD 10 or HIST-LIT 10AB, but not both. However, enrollment in either course (MDVLSTD 10 or HIST-LIT 10AB) will count toward the concentration and secondary requirements for both Medieval Studies and History & Literature.

This course is offered as MDVLSTD 10 and HIST-LIT 10AB. Credit may be earned for either MDVLSTD 10 or HIST-LIT 10AB, but not both.

FAS Divisional Distribution: Arts and Humanities

MEDVLSTD 111

Course ID: 205890
2026 Spring (4 Credits)

Sex, Love, and Marriage in the Middle Ages

No meeting time listed

Sean Gilsdorf

This class explores the relationships of passion, love, and obligation that bound men and women over the course of nearly two millennia, from Rome in the first century B.C.E. to sixteenth-century Italy. In particular, it focuses on how those relationships were organized legally and institutionally, on the social roles created by such relationships, and on the connection (or lack thereof) between marriage, love, and sexual passion. Although marriage in the West long was viewed as an exclusively heterosexual estate, the course also considers how homosocial and homosexual desires have affected it throughout history.

FAS Divisional Distribution: Arts and Humanities

MEDVLSTD 117

Course ID: 142694
2026 Spring (4 Credits)

English Legal History, 600-1600

MW 1030 AM - 1145 AM

Elizabeth Kamali

An introduction to the legal and constitutional history of England from the Anglo Saxons to the end of the Tudor period, essentially 600 – 1600, including the development of private (e.g., contract, torts, property) and public law (e.g., criminal and constitutional law). No previous background in English legal history is assumed.

Course Note: Meets together with HLS 2165.

FAS Divisional Distribution: Social Sciences

MEDVLSTD 202

Course ID: 114765
2025 Fall (4 Credits)

Latin Palaeography and Manuscript Culture

TR 1030 AM - 1145 AM

Sean Gilsdorf

Instructor Permission Required

A weekly seminar training students to read medieval Latin handwriting from a variety of text-types, regions, and periods, and to recognize and decipher the abbreviations commonly used by medieval scribes. Students also will encounter a range of medieval texts, learning more about the materials and formats of medieval written culture, and explore the diverse uses, genres, and formats of medieval writing as well as its textual and paratextual features. Students will be required to transcribe from manuscript samples in facsimile, as well as original

documents in Houghton, throughout the semester.

Completion of an intermediate Latin course or the equivalent.

FAS Divisional Distribution: Arts and Humanities

Mind, Brain, and Behavior

Mind, Brain & Behavior

MBB 90R

Course ID: 125466

Supervised Research: Topics in Mind/Brain/Behavior

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Elizabeth Phelps

Supervised individual research leading to a tutorial paper.

Admission via application; see <https://mbb.harvard.edu/pages/research-course> for details.

FAS Divisional Distribution: Social Sciences

MBB 90R

Course ID: 125466

Supervised Research: Topics in Mind/Brain/Behavior

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Elizabeth Phelps

Supervised individual research leading to a tutorial paper.

Admission by application; see <https://mbb.harvard.edu/pages/research-course> for details.

FAS Divisional Distribution: Social Sciences

MBB 980BB (1)

Course ID: 223012

Your Brain on Poetry

2025 Fall (4 Credits)

M 1245 PM - 0245 PM

Instructor Permission Required

Anne Dymek

Poetry is a powerful tool for expressing and exploring the human experience. But what is it about poetry that allows it to connect with us so deeply? What can we learn about the workings of the brain, the mind, and the nature of human experience through the study of poetry, and vice versa? In this course, we delve into the science and art of poetic expression, reception, and interpretation, drawing on insights from literary and cultural studies, neuroscience, philosophy, and (psycho)linguistics. We will unravel how poetry captivates our cognition and ignites our imagination, offering profound insights into the intricate interplay between this art and the human psyche.

Course Note: Jointly offered with Faculty of Arts and Sciences as German 113. Credit may be earned for MBB980BB or German 113, but not both. Enrollment via lottery; consult <https://mbb.harvard.edu/seminars> for lottery deadline, instructions, and link. Preference to students in Germanic Languages and Literatures and to juniors in MBB tracks or MBB secondary field. Course content inquiries to annedymek@fas.harvard.edu. Enrollment via lottery; consult <https://mbb.harvard.edu/seminars> for lottery deadline, instructions, and link. Preference to German concentrators and to juniors in MBB tracks or MBB secondary field. Course content inquiries to dymek@fas.harvard.edu. Jointly offered with Faculty of Arts and Sciences German 113.

FAS Divisional Distribution: Arts and Humanities

MBB 980DD (1)

Course ID: 224044

Computational Psychiatry

2025 Fall (4 Credits)

T 0345 PM - 0545 PM

Instructor Permission Required

Poornima Kumar

Computational Psychiatry is an emerging interdisciplinary field that combines principles from neuroscience, psychology, and computer science to understand the neural basis of mental disorders and develop

computational models for diagnosis, treatment, and prevention. The objectives of this seminar are to 1) introduce students to computational methods and modeling approaches used in psychiatric research, 2) explore the application of computational psychiatry in understanding the etiology, diagnosis, and treatment of mental disorders, 3) to develop students' critical thinking through assignments and final project, 4) to prepare the next generation of computational neuroscientists. Overall, the seminar aims to provide students with a comprehensive understanding of computational modeling in psychiatry, its applications in mental illness research, and the potential for advancing precision psychiatry through these approaches.

Enrollment via lottery; consult <https://mbb.harvard.edu/seminars> for lottery deadline, instructions, and link. Preference to juniors in MBB tracks or MBB secondary field. Course content inquiries to pkumar@mclean.harvard.edu.

FAS Divisional Distribution: Science & Engineering & Applied Science

MBB 980EE

Course ID: 225882

Neuroscience of Music: Clinical Applications across the Lifespan

2026 Spring (4 Credits)

T 0345 PM - 0545 PM

Instructor Permission Required

Anne Arnett

With the advent of modern neuroimaging technology, there has been a rapid expansion of neuroscientific research on music and its biomedical applications. The burgeoning field of music neuroscience investigates how the brain perceives, processes, and responds to musical stimuli, and how musical training and music-based interventions influence brain and behavior across the lifespan. This course will delve into the state-of-the-art research in both basic and clinical auditory neuroscience. Students will learn about brain plasticity associated with musical training and the therapeutic potential of music in clinical contexts, ranging from neurodevelopmental to neurodegenerative conditions. The course will be interdisciplinary, blending research from psychology, cognitive neuroscience, and medicine. The class will also take a trip to Dr. Arnett's laboratory at Boston Children's Hospital to see a demonstration of how electroencephalography (EEG) is used to measure brain activity during auditory-perceptual paradigms in children. By the end of the course, students will have developed critical thinking skills and the ability to evaluate scientific findings related to the therapeutic applications of music. They will gain a deeper understanding of experimental methods and the contentious theoretical issues and debates in music neuroscience and therapy. These topics will be explored through a mix of student- and faculty-led presentations, written critiques, and class discussions.

Enrollment via lottery; consult <https://mbb.harvard.edu/seminars> for lottery deadline, instructions, and link. Preference to juniors in MBB tracks or MBB secondary field. Course content inquiries to marija.pranjic@childrens.harvard.edu.

MBB 980FF (1)

Course ID: 226472

The Cortisol Chronicles: A Deep Dive into the Science of Stress

2025 Fall (4 Credits)

M 0300 PM - 0500 PM

Instructor Permission Required

Charles Nelson

Whether acute or chronic, minor or major, stress is a part of our everyday lives. Yet, stress is often fundamentally misunderstood by many and misrepresented in popular media. This course will provide students with an introduction and overview of core concepts of stress and a tutorial on how to read and interpret the scientific literature on stress. We will consider contemporary models of stress, links between stress and major biological systems, and the ways in which stress can impact both physical and mental health across the lifespan. We will then delve into the science of resilience to identify the factors that help us thrive in the face of stress across the lifespan. A major focus of this course will be to support students in becoming critical consumers of the scientific and popular literatures. This course is inherently multidisciplinary and includes topics relevant to psychology and adjacent fields including biology, neuroscience, cognitive science, and health science. In addition, students will actively participate in shaping course content as they will be invited to determine the topics for two open lecture/discussions throughout the semester.

Enrollment via lottery; consult <https://mbb.harvard.edu/seminars> for lottery deadline, instructions, and link. Preference to juniors in MBB tracks or MBB secondary field. Course content inquiries to ellen.jopling@childrens.harvard.edu.

FAS Divisional Distribution: Science & Engineering & Applied Science

MBB 980GG (1)

Course ID: 226474

Neuroendocrine Pathways: Brain, Sex, and Hormones

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Victor Navarro

This course focuses on the study of the neuro-endocrine interactions that determine the organizational and functional effects of hormones in the brain throughout development with a focus on the role of sex hormones (estradiol, testosterone) in the brain. The course will address a) the role of hormones in the sexual differentiation of the brain; b) the role of the brain in the maintenance of the body homeostasis through the regulation of the different endocrine axes; c) central control of sexual maturation (puberty); d) regulation of the hypothalamic neuronal networks by peripheral factors (e.g. metabolism, stress, environment, endocrine disruptors); e) effect of hormonal cues on behavior; f) senescence of the neuroendocrine systems (e.g. the hypothalamus after menopause). At the end of the course, the students will gain basic knowledge of the interactions between the brain and the endocrine system, and how sex hormones play a crucial role in the development and function of the brain throughout life. These developmental and functional effects of sex hormones in the brain are essential for the full understanding of neurobiological processes.

Enrollment via lottery; consult <https://mbb.harvard.edu/seminars> for lottery deadline, instructions, and link. Preference to juniors in MBB tracks or MBB secondary field. Course content inquiries to vnavarro@bwh.harvard.edu.

MBB 980H

What Disease Teaches about Cognition

T 0345 PM - 0545 PM

William Milberg

Course ID: 109866
2026 Spring (4 Credits)

Instructor Permission Required

This course seeks to reconcile the complicated and messy problems of patients with brain disease with the concise analysis of precisely defined cognitive functions in normal subjects. Students will learn to overlap cognitive functions on to the brain in disease - at the gross dissection and imaging levels - and to understand some of the complex interactions of individual cognitive operations in disease using the examples of famous landmark cases in the literature (e.g. Broca's Monsieur Leborgne, Phineas Gage, HM and others). The course will include a dissection of a human brain, an examination of how the actual brain maps onto two dimensional neuroimages, and discussions of how the classic lesion based maps of cortical function are related to contemporary maps based on functional neuroimaging.

Enrollment via lottery; see <https://mbb.harvard.edu/seminars> for lottery deadline, instructions, and link. Preference to juniors in MBB tracks or MBB secondary field. Course content inquiries to william_milberg@hms.harvard.edu.

FAS Divisional Distribution: Social Sciences

MBB 980M

Functional Neuroimaging of Psychiatric Disorders: Insights into the Human Brain-Mind

R 0300 PM - 0500 PM

David Silbersweig

Course ID: 160759
2026 Spring (4 Credits)

Instructor Permission Required

Functional brain imaging has revolutionized the study of systems-level behavioral neuroscience and psychiatric disorders, through the ability to localize and characterize distributed brain activity directly associated with perception, cognition, emotion and behavior in disorders where there are not gross brain lesions. This seminar will introduce students to translational neuroimaging methods at the interface of neuroscience, psychology and medicine. It will cover recent and ongoing advances in our understanding of fronto-limbic-subcortical brain circuitry across the range of psychiatric disorders (e.g. mood disorders, anxiety disorders, psychotic disorders, personality disorders, addictions). It will discuss new, emerging biological (as opposed to descriptive) taxonomies and conceptualizations of mental illness and its treatment. It will explore the implications of such knowledge for issues such as consciousness, meaning, free will, emotion, resilience, and religiosity. It will incorporate clinical observations, scientific data and readings, and examine future directions in brain-mind medicine.

Enrollment via lottery; consult <https://mbb.harvard.edu/seminars> for lottery deadline, instructions, and link. Preference to juniors in MBB tracks or MBB secondary field. Course content inquiries to dsilbersweig@bwh.harvard.edu.

FAS Divisional Distribution: Science & Engineering & Applied Science

MBB 980P (1)

The Role of Music in Health and Education

R 0300 PM - 0500 PM

Lisa Wong

Course ID: 205158
2025 Fall (4 Credits)

Instructor Permission Required

Music shapes the course of human history at both a micro and macro scale; The "universallanguage" has the power to connect people who share no other common ground. Its power to bind people together is intuitively understood, but only through recent neuroimaging advances over the past few decades have scientists been able to move past intuition to reveal its impact on the brain. In this course, we will examine the exciting progress of the fields of music, science, and social science, through a variety of lenses, and meet some of the experts in the field. Who are the key investigators and practitioners in today's emerging music/brain landscape? What are the latest discoveries about how music affects the brain? How does how we hear and listen impact our perception of music? Who are some of the key influencers in music and social change? This course invites students to deepen their relationship with music, exploring different aspects of the art form through the lens of neuroscience, education, medicine, music therapy, public health and social justice. By the end of this course, the learner will (1) understand the effect of music on the developing brain; (2) understand the mechanism of hearing music; (3) consider the pathophysiology of disordered movement and hearing and how music can be used therapeutically; and (4) understand how other disciplines can add to their knowledge of the therapeutic uses of music. Given the transdisciplinary nature of the work, students will be introduced to literature from different disciplines and use these resources to explore their own individual interests in music.

Enrollment via lottery; see <https://mbb.harvard.edu/seminars> for lottery deadline, instructions, and link. Preference to juniors in MBB tracks or MBB secondary field. Course content inquiries to lmwong@fas.harvard.edu.

FAS Divisional Distribution: Social Sciences

MBB 980S (1)

Cognitive Neuroscience of Meditation

M 1200 PM - 0200 PM

Sara Lazar

Course ID: 207091
2025 Fall (4 Credits)

Instructor Permission Required

Buddhist philosophy describes a model of how the mind works, as well as a method, mindfulness meditation, that can be used as a tool to transform consciousness and reduce mental distress. Neuroscientists have begun to study the impact of meditation on brain structure and function, often using Buddhist philosophy to guide their hypotheses. We will review and discuss how the science relates to Buddhist philosophy, using the four foundations of mindfulness as the primary framework. We will also compare and contrast the Buddhist model with modern scientific models of how conscious experience is created in the brain, in order to gain a more nuanced understanding of consciousness that integrates philosophy, neuroscience, and personal experience. No prior knowledge of Buddhism is required. The course will be a mixture of lecture, discussion of two primary scientific articles that are assigned each week, and formal powerpoint presentations by students. Students will write a final paper on a topic of their choice that is relevant to the themes of the course.

Enrollment via lottery; consult <https://mbb.harvard.edu/seminars> for lottery deadline, instructions, and links. Preference to juniors in MBB tracks or MBB secondary field. Course content inquiries to slazar@mgh.harvard.edu.

FAS Divisional Distribution: Science & Engineering & Applied Science

MBB 980T (1)

Sleep and Mental Health

M 0345 PM - 0545 PM

Edward Pace-Schott

Course ID: 207092
2026 Spring (4 Credits)

Instructor Permission Required

The scientific study of sleep is an area of research that is both highly diverse and among the most interdisciplinary and unifying of topics in psychology and neuroscience. In the past several decades, exciting new discoveries on the neurobiology of sleep have been facilitated by technologies such as functional neuroimaging and molecular genetics. Nonetheless, sleep remains mysterious and controversial and, remarkably, there still is no generally agreed upon function for this behavioral state that occupies one third of our lives! Sleep science exemplifies the translational approach in biomedical science whereby human and animal research together continually advance the field of sleep medicine. In this seminar, lectures during the first half of each class will provide overviews of the physiology and behavioral neuroscience of sleep. The second half of each class will be devoted to student-led discussions of assigned study questions as well as free discussions. In a short term paper, students will research in depth a topic of their choice that they find particularly interesting related to sleep neuroscience or mental health. Students will also briefly present what they have learned about their topic during the final class meetings. Some topics students might choose are described in the following paragraph. In addition, students will keep a nightly sleep and/or dream diary for 2-3 weeks at some point during the semester in order to learn more about sleep from their own experiences. They will then describe what they have observed in a short essay. In the past, students have found this exercise to be especially interesting. Lastly, there will be a short open-book, unlimited-time final exam on material from the lectures. Topics for term papers might include the characteristic abnormalities of sleep in mood, anxiety, psychotic, addictive or neurodevelopmental disorders. Scientific findings increasingly point to the importance of sleep for mental health and optimum performance, as well as to sleep disruption as both a result and a contributing cause of mental illnesses. Thus, one might focus on

the contribution of primary sleep disorders to psychiatric and neurological illness, such as the circadian rhythm disorders in bipolar illness or insomnia as a risk factor for mood and anxiety disorders. Still other topics might focus on the contribution of normal sleep to emotional regulation, memory consolidation, and cognitive performance. For those with more cellular neuroscience interests, topics might focus on linkages between sleep and immunity or the role of sleep in disposal of abnormal proteins as it relates to neurodegenerative diseases.

Enrollment via lottery; see <https://mbb.harvard.edu/seminars> for lottery deadline, instructions, and form.

Preference to juniors in MBB tracks or MBB secondary field. Course content inquiries to epace-schott@mgh.harvard.edu.

FAS Divisional Distribution: Science & Engineering & Applied Science

MBB 980V (1)

Neuroimaging and Big Data in Connectomics: Advances in Understanding the Wiring of the Brain

T 0300 PM - 0500 PM

Instructor Permission Required

Lisa Nickerson

Constructing a map of the connections between the 86 billion neurons in the human brain has been a goal of neuroscience since the field originated. Connectomics research, which aims to understand how the brain is wired together into this map, has shown the human brain to be a complex network with the same properties that other complex networks exhibit. Much like our social networks, the world wide web, and our travel systems, the brain demonstrates organization along similar principles as these networks and can be studied using techniques adapted from network science. Using this "network neuroscience" approach has shown that the brain's gray matter is organized into a functional connectome comprised of modules called brain networks that orchestrate their functions to support our everyday activities. More recently, advances in another MRI technique called diffusion MRI have made it possible to study the organization of the brain's white matter "information highways", or structural connectome, that transmit information from brain region-to-brain region, brain network-to-brain network. MRI-based connectomics is a rapidly growing field, with new methods and applications evolving at an incredibly fast pace and there are now numerous large-scale neuroimaging initiatives across the world that are aimed at mapping the human brain connectome. These studies aim to map the human brain connectome across the lifespan, from in utero to the oldest old, and in brain disorders such as mental illnesses, developmental disorders, neurological disorders and other health conditions. The goal of this class is to understand how MRI can be used to study the living human brain connectome and the latest advances these approaches have revealed in our understanding of the wiring of the brain. We will also dive into some of the large-scale neuroimaging datasets to see how we can leverage these open access resources for connectomics research. This course is designed for students in the MBB programs who are interested in learning about how we study brain connectivity and how the brain is organized, including those who are interested in neuroscience applications and brain disorders and those interested in bioinformatics/computer science/statistics/physics applications in neuroimaging. To unlock the "black box" nature of the sophisticated MRI methods used for connectomics research, we will learn the basics of the workhorse MRI connectomics methods, functional and diffusion MRI, from a conceptual perspective. We will learn how each of these techniques is used for connectomics studies and some key methodological and interpretational issues for each. Then we will focus on the brain's connectome. We will discuss brain organization, including how to construct a brain graph as the mathematical embodiment of the brain's connectome and how to evaluate the brain's network properties using graph theory and other approaches, the brain networks that have been reported in the literature, and the links between structural and functional connectomes. We will do a survey of widely used open access tools for connectivity and connectome analyses, and open access connectome datasets with sample sizes of hundreds up to a hundred thousand, including the Human Connectome Lifespan and Disease Connectome studies, the ABCD study, and the UK Biobank. These datasets will also be used as hypothetical data sources for your final research projects. Last, we will discuss ethical, computational, and statistical issues when working with these large open access datasets.

Enrollment via lottery; consult <https://mbb.harvard.edu/seminars> for lottery deadline, instructions, and link.

Preference to juniors in MBB tracks or MBB secondary field. Course content inquiries to lisa_nickerson@hms.harvard.edu.

FAS Divisional Distribution: Science & Engineering & Applied Science

MBB 980X

Translational Neuroscience: Limits of Adaptation from Extreme Environments to Clinical Practice

F 1200 PM - 0200 PM

Instructor Permission Required

Gary Strangman, Vladimir Ivkovic

What can we learn about the limitations of human neurobehavioral function through exposure and adaptation to extreme environments, as well as readaptation to "normal" environment, or onset of neuropsychiatric disorders? Within the translational neuroscience paradigm, this course explores the concepts of neurobehavioral

Course ID: 219973

2026 Spring (4 Credits)

adaptation, stress, resilience, and neuropsychiatric disorders, in relation to the underlying neurophysiologic mechanisms that regulate them. We will explore adaptations to extreme activities such as spaceflight, expeditionary (polar, underwater, desert exploration, military deployments), emergency response services (e.g. firefighting), and impact sports (e.g. football). These will be discussed in the context of mental and occupational health, gender differences, and understanding the etiology of neuropsychiatric conditions such as, post-traumatic stress disorder (PTSD), traumatic brain injury (TBI), Chronic Traumatic Encephalopathy (CTE), intracranial hypertension, etc. This course may be particularly interesting to Mind Brain and Behavior students pursuing careers in translational neuroscience, psychology, medicine, and related fields. Features expert guest lecturers (e.g. NASA researchers, Antarctic expeditionary physicians, underwater explorers, etc.), demonstrations of unique experimental methodologies and equipment (e.g. ambulatory brain and physiologic monitoring) used in extreme environments, and potential visits to field / operational facilities.

Enrollment via lottery; consult <https://mbb.harvard.edu/seminars> for lottery deadline, instructions, and link. Preference to juniors in MBB tracks or MBB secondary field. Course content inquiries to vivkovic@mgh.harvard.edu.

FAS Divisional Distribution: Science & Engineering & Applied Science

Molecular and Cellular Biology

Molecular & Cellular Biology

MCB 60

Cellular Biology and Molecular Medicine

MW 1030 AM - 1145 AM

Dominic Mao, Marissa Gredler, Emma Nagy

MCB 60 provides an introduction to the principles of molecular and cellular biology and their connections to biomedicine. The course explores how medical syndromes provide insights into biological processes and how biological mechanisms underlie human disease and physiology. Topics range from DNA repair, protein folding and vesicle transport to metabolism, cell migration, and cancer. Content for lecture topics comprising of reading and viewing material will be released weekly followed by mandatory, interactive live sessions with the instructors. Weekly sections will combine a laboratory that focuses on experimental design and data analysis, primary literature reading, and review of lecture materials.

LS 1b recommended.

Requires: Prerequisite - LS1A, LPSA, or LS50

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 63

Biochemistry and Molecular Medicine

TR 0130 PM - 0245 PM

Alain Viel, Michele Markstein

The course integrates an introduction to the structure of macromolecules and a biochemical approach to cellular function. Topics addressing protein function will include enzyme kinetics, the characterization of major metabolic pathways and their interconnection into tightly regulated networks, and the manipulation of enzymes and pathways with mutations or drugs. An exploration of simple cells (red blood cells) to more complex tissues (muscle and liver) is used as a framework to discuss the progression in metabolic complexity. Students will also develop problem solving and analytical skills that are more generally applicable to the life sciences.

Requires: Prerequisite: LS 1a OR LPS A OR LIFESCI 50A/B

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 65

Physical Biochemistry: Understanding Macromolecular Machines

MWF 1030 AM - 1145 AM

Monique Brewster, Maxim Prigozhin, Rebecca LaCroix

This course develops your understanding of fundamental biochemistry concepts and how they are applied in cutting-edge structural and molecular biology research. You will learn about protein and nucleic acid structure, thermodynamics, kinetics, and intermolecular interactions while exploring techniques like cryo-electron

Course ID: 114796
2026 Spring (4 Credits)

microscopy, AlphaFold protein structure prediction, molecular dynamics, and protein design with Rosetta. The course emphasizes the application of these concepts to cell signaling, metabolism and drug-target interactions using interactive lectures and weekly sections. As part of section, students will undertake a discovery-based laboratory research project in which they will apply these course concepts toward understanding the structure and function of the ATPase domain of a transporter protein associated with antigen processing.

Requires: Prerequisite: (LPS A OR LS 1a) AND (CHEM 20 OR CHEM 17)

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 66

Pathological Cell Biology

MW 1030 AM - 1145 AM

Sam Kunes, Michele Markstein

Course ID: 220875

2026 Spring (4 Credits)

Instructor Permission Required

Pathological cell states are at the heart of human disease: in this course, we view cell pathology as a window into the normal state of the cell; the robustness of its homeostatic mechanisms and the alternative modes a cell may adopt in order to contribute to multicellular structures as precise as a nervous system and as chaotic as a malignant tumor. The curriculum draws upon foundational courses in genetics and cell biology (e.g. LS1A, LS1B, MCB60 and related coursework) and supports further understanding of normal cell states through exploration of cell's pathological states. The curriculum emphasizes advanced experimental approaches and current findings in oncogenic transformation and other pathologies. The prereqs for this course are: LS1A, LS50A, or LPSA with Recommended Prep of LS1B.

LS1B

Requires: Requires LS1A, LS50A, or LPSA

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 68

Cell Biology Through the Microscope

TR 0130 PM - 0245 PM

Ethan Garner, Douglas Richardson, Emma Nagy

Course ID: 109851

2026 Spring (4 Credits)

Instructor Permission Required

MCB 68 explores three fundamental fields of eukaryotic cell biology: chromosome segregation, cell motility, and neuroscience. Each topic is approached from a historic and technical perspective. Students will discover these systems as the scientific field did, learning how each successive advance in microscopy revealed new biological details. Students will come away with a theoretical and hands-on understanding of microscopy as well as a grasp of the biological findings each technology revealed.

Course Note: An additional introductory course in biology (e.g., MCB 60, MCB 80 or SCRB10) is recommended but not required. The course design, level, and content is best suited for students in their sophomore year.

Requires: Prerequisite: LS 1a OR LPS A

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 80

Neurobiology of Behavior

TR 1030 AM - 1145 AM

Katie Quast, Naoshige Uchida

Course ID: 207476

2025 Fall (4 Credits)

Instructor Permission Required

An introduction to the ways in which the brain controls mental activities. The course covers the cells and signals that process and transmit information, and the ways in which neurons form circuits that change with experience. Topics include the neurobiology of perception, learning, memory, emotion, and neurologic disorders. This year we are combining interactive, didactic lecture videos with live Tuesdays and Thursdays featuring guest lectures, hands-on demonstrations, and review sessions in addition to small discussion sections.

MCB 80 is a cross-listed course with Neuro80 (Same course, assignments, and requirements). For pre-enrollment and sectioning purposes, students interested in taking MCB 80 are asked to enroll in Neuro 80. Please enroll in Neuro 80 and choose one of the timed sections for Neuro 80 during registration. The course staff will then assist you in switching from Neuro 80 to MCB 80 in September (keeping your section time) if you want the course listed as MCB 80 on your transcript.

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 91

Course ID: 122529

Research for Credit in Molecular and Cellular Biology

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Dominic Mao, Monique Brewster

91 is research for credit. It cannot be taken as a fifth course. To be eligible to enroll, you must have a Harvard-affiliated principal investigator agree to mentor you for the semester. For this reason, students must reach out to labs and interview with labs ahead of the start of the semester. Students are expected to work an average of 15 hours/week during term time. Please note, this course is only open to MCB concentrators or those pursuing an MCB secondary.

Course Note: This course can be repeated with permission from the concentration advisors.

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 91R

Course ID: 122529

Research for Credit in Molecular and Cellular Biology

2026 Spring (4 Credits)

No meeting time listed

Dominic Mao, Monique Brewster

91 is research for credit. It cannot be taken as a fifth course. To be eligible to enroll, you must have a Harvard-affiliated principal investigator agree to mentor you for the semester. For this reason, students must reach out to labs and interview with labs ahead of the start of the semester. Students are expected to work an average of 15 hours/week during term time. Please note, this course is only open to MCB concentrators or those pursuing an MCB secondary.

Course Note: This course can be repeated with permission from the concentration advisors.

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 99A

Course ID: 122530

Laboratory Research for Honors Thesis

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Dominic Mao, Monique Brewster

Laboratory research in topics related to the MCB concentration, culminating in an undergraduate thesis submitted to the MCB undergraduate office for review by members of the Board of Tutors in Biochemical Sciences and the greater Boston research community. The course includes a series of workshops designed to help prepare students for the process of writing their thesis.

Course Note: Limited to students writing a thesis in MCB. Students are required to submit a written proposal to the MCB undergraduate office in the summer for review by the Board of Tutors in Biochemical Sciences for enrollment that fall. Only those students whose thesis proposals are approved are eligible to enroll. Ordinarily may not be taken as a fifth course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit. Students must complete basic laboratory safety training and other safety training required by the host lab prior to starting work.

Full Year Course: Indivisible Course

FAS Divisional Distribution: None

MCB 99A

Course ID: 122530

Laboratory Research for Honors Thesis

2026 Spring (4 Credits)

No meeting time listed

Dominic Mao, Monique Brewster

Laboratory research in topics related to the MCB concentration, culminating in an undergraduate thesis submitted to the MCB undergraduate office for review by members of the Board of Tutors in Biochemical Sciences and the greater Boston research community. The course includes a series of workshops designed to help prepare students for the process of writing their thesis.

Course Note: Limited to students writing a thesis in MCB. Students are required to submit a written proposal to the MCB undergraduate office in the summer for review by the Board of Tutors in Biochemical Sciences for enrollment that fall. Only those students whose thesis proposals are approved are eligible to enroll. Ordinarily may not be taken as a fifth course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit. Students must complete basic laboratory safety training and other

safety training required by the host lab prior to starting work.

Full Year Course: Indivisible Course

FAS Divisional Distribution: None

MCB 99B

Course ID: 159651

Laboratory Research for Honors Thesis

2025 Fall (4 Credits)

No meeting time listed

Dominic Mao, Monique Brewster

Laboratory research in topics related to the MCB concentration, culminating in an undergraduate thesis submitted to the MCB undergraduate office for review by members of the Board of Tutors in Biochemical Sciences and the greater Boston research community. The course includes a series of workshops designed to help prepare students for the process of writing their thesis.

Course Note: Limited to students writing a thesis in MCB. Students are required to submit a written proposal to the MCB undergraduate office in the summer for review by the Board of Tutors in Biochemical Sciences for enrollment that fall. Only those students whose thesis proposals are approved are eligible to enroll. Ordinarily may not be taken as a fifth course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit. Students must complete basic laboratory safety training and other safety training required by the host lab prior to starting work

Requires: Pre-requisite: MCB 99A

Full Year Course: Indivisible Course

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 99B

Course ID: 159651

Laboratory Research for Honors Thesis

2026 Spring (4 Credits)

No meeting time listed

Dominic Mao, Monique Brewster

Laboratory research in topics related to the MCB concentration, culminating in an undergraduate thesis submitted to the MCB undergraduate office for review by members of the Board of Tutors in Biochemical Sciences and the greater Boston research community. The course includes a series of workshops designed to help prepare students for the process of writing their thesis.

Course Note: Limited to students writing a thesis in MCB. Students are required to submit a written proposal to the MCB undergraduate office in the summer for review by the Board of Tutors in Biochemical Sciences for enrollment that fall. Only those students whose thesis proposals are approved are eligible to enroll. Ordinarily may not be taken as a fifth course. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit. Students must complete basic laboratory safety training and other safety training required by the host lab prior to starting work

Requires: Pre-requisite: MCB 99A

FAS Divisional Distribution: Science & Engineering & Applied Science

Full Year Course: Indivisible Course

MCB 100R

Course ID: 160364

Experimental Research in the Life Sciences

2025 Fall (4 Credits)

R 0300 PM - 0545 PM

Instructor Permission Required

Alain Viel

A laboratory course that immerses students in a dynamic project-based research environment. Participate in experimental projects directly linked with ongoing faculty research. Students select a project from the following research tracks: neurobiology, microbial sciences, cell biology, and synthetic biology. New projects, including some in other research fields, are offered every term. In a highly collaborative atmosphere, students form a fully-functional and diverse research group based on the sharing of ideas and progress reports between projects. The spring microbiology project is part of the "genomes to Biomes" series. This course cannot be taken concurrently with LifeSci 100.

Course Note: Location of the first meeting will be announced on the course website. Open to freshmen, sophomores, juniors, and seniors, regardless of concentration, and suitable for students either with or without extensive laboratory experience. The course may only be repeated once and the second enrollment must be approved by the instructor.

This course shares a combined enrollment cap of 30 students with LIFESCI 100R.

Students interested in a neurobiology project will need MCB 80 or permission of the instructor. Please also note that students cannot take MCB 100 and LS 100 at the same time.

Requires: Prerequisite: LPS A OR LS 1a

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 100R

Experimental Research in the Life Sciences

M 0300 PM - 0545 PM

Alain Viel

Course ID: 160364

2026 Spring (4 Credits)

Instructor Permission Required

A laboratory course that immerses students in a dynamic project-based research environment. Participate in experimental projects directly linked with ongoing faculty research. Students select a project from the following research tracks: neurobiology, microbial sciences, cell biology, and synthetic biology. New projects, including some in other research fields, are offered every term. In a highly collaborative atmosphere, students form a fully-functional and diverse research group based on the sharing of ideas and progress reports between projects. The spring microbiology project is part of the "genomes to Biomes" series. This course cannot be taken concurrently with LifeSci 100.

Course Note: Location of the first meeting will be announced on the course website. Open to freshmen, sophomores, juniors, and seniors, regardless of concentration, and suitable for students either with or without extensive laboratory experience. The course may only be repeated once and the second enrollment must be approved by the instructor.

Students interested in a neurobiology project will need MCB 80 or permission of the instructor. Please also note that students cannot take MCB 100 and LS 100 at the same time.

Requires: Prerequisite: LPS A OR LS 1a

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 102

Creativity, Innovation, and Entrepreneurship in the Life Sciences

R 1200 PM - 0200 PM

Course ID: 224947

2026 Spring (4 Credits)

Instructor Permission Required

The liberal arts were initially meant to express the broadest swath of human thought and experience. Yet, somehow, the workplace's skills and habits of mind gradually separated from this curriculum. This left students to tackle each domain in sequence: first, the liberal arts and then workplace skills. This unnecessary sequencing has contributed to the so-called skills gap. The course will aim to fill this gap. You will learn to identify life sciences problems, develop essential skills in innovation, creativity, and entrepreneurship, and apply them to life science challenges of your choice. The course will emphasize the development of actionable proposals by students that address current challenges and create social and economic value for society. This course will use activity-based learning, guest speakers, and a group of life sciences and business experts providing students with bespoke mentoring. Throughout the term, you will interact with students within the Harvard innovation community, including members of the Lemann Program in Creativity and Entrepreneurship (LPCE) and the Harvard HealthLab accelerator (H2A). At the end of the term, you will present your projects to your peers and mentors at the LPCE's Founder Crush event.

LS1A, LPSA, and LS50.

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 105

Systems Neuroscience

MW 1200 PM - 0115 PM

Florian Engert, Yasuko Isoe

Course ID: 207528

2026 Spring (4 Credits)

The neuronal basis of sensory processing and animal behavior will be explored in many different model systems as diverse as honeybees, weakly electric fish, and humans. Special emphasis is placed on the role of activity dependent modulation of neuronal connections in the context of learning, memory, and development of the nervous system.

Requires: Pre-requisite: MCB/NEURO 80 or Instructor Approval.

MCB 112

Biological Sequence Analysis

MWF 0300 PM - 0415 PM

Sean Eddy

Course ID: 203081
2026 Spring (4 Credits)

Instructor Permission Required

Biology has become a computational science, requiring analysis of large data sets from genome sequencing and other technologies. This course teaches computational methods in biological sequence analysis, using an empirical and experimental framework suited to the complexities of biological data, emphasizing computational control experiments. The course is primarily aimed at biologists learning computational methods, but is also suited for computational and statistical scientists learning about biological sequence data.

FAS Divisional Distribution: Science & Engineering & Applied Science

Quantitative Reasoning with Data: Yes

MCB 121

The Microbes

MW 0900 AM - 1015 AM

Carolyn Elya

Course ID: 127813
2025 Fall (4 Credits)

Instructor Permission Required

This general microbiology course will introduce students to the genetics, cell biology, and physiology of microbes, with an emphasis on mechanisms of host-microbe interactions. The goals of this course are to familiarize students with the diversity of microbes on planet Earth and equip them with fundamental concepts and methods to study these organisms. This course will consist of lectures and labs. Students will be evaluated on problem sets, three midterms and a final lab report. There is no final exam.

Course Note: Due to enrollment cap, repeating this course is discouraged.

Requires: Prerequisite: LIFESCI (LPS A or LS 1A or LS 50A) AND (LS 1B or LS 50B)

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 125

Molecular Basis of Behavior

TR 0130 PM - 0245 PM

Catherine Dulac

Course ID: 207533
2026 Spring (4 Credits)

Modern molecular genetic approaches are teaching us a great deal on how the brain controls behaviors. This course will cover newly developed experimental strategies of molecular neuroscience, and how they have helped uncover the nature and identity of behavior circuit components. How genes and molecules affect behaviors will be investigated through key examples of mammalian behaviors with an emphasis on instinctive and social behaviors, their expression, development, and associated mental disorders.

Prerequisite: MCB/NEURO 80 or equivalent, Life Science 1a or equivalent, or Instructor Approval.

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 127

Organelle Biology and Cellular Function

TR 1045 AM - 1200 PM

Jeeyun Chung, Daniel Needleman

Course ID: 224454
2025 Fall (4 Credits)

What is the definition of subcellular organelles? Why do our cells need to be compartmentalized? How do individual proteins traffic into their final destinations to perform distinct functions in our cells? In this class, we will explore the organelles present in our cells and the specialized functions they perform to maintain cellular metabolism. Additionally, we will examine how dysregulation in organelle functions contributes to diseases and what therapeutic strategies are currently available. This course consists of weekly, in-depth lecture sessions and primary literature discussion sessions. Each week, you'll engage in complementary sessions — 'lecture' and 'discussion' — that help enhance your understanding of how the current knowledge of organelle biology has been shaped by research and what open questions remain in the field. In lecture sessions, you will learn about the historical discoveries of individual subcellular organelles and classical and modern methodologies used to

study organelle functions. Topics covered include fundamental cellular compartments mainly involved in cellular metabolism, such as the nucleus, mitochondria, lysosomes, lipid droplets, stress granules, and peroxisomes, as well as their communication. During primary literature discussion sessions, you will learn to identify key questions in cell biology and design critical experiments to address those questions. For the final project, you will draw upon insights acquired from the classes to identify open questions in organelle biology and design a key experiment to address those questions. The final project will be submitted as a final term paper and also presented in class. This course presents an exceptional opportunity to explore the importance of subcellular compartmentalization and its unique contributions to cell metabolism in physiology and diseases.

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 128

AI Methods in Molecular Biology

MWF 1030 AM - 1145 AM

Elena Rivas

What is a CNN and how it has been used to predict sequence motifs in biological sequences? What is a transformer and how it has been used by AlphaFold? What are diffusion methods and how they have been used with Cryo-EM? Computationally rigorous course oriented to computational biology students. Applications of Deep Learning in Comp Bio.

Course ID: 226178
2026 Spring (4 Credits)

MCB 130

The pharmacy of life – exploring the function and biochemistry of natural products

MW 0900 AM - 1015 AM

Ryan Nett

Life has evolved countless bioactive molecules, or "natural products", that act like pharmaceuticals to affect the cellular processes of other organisms, and many of these molecules serve as critical medicines and research tools. In this course, we will explore the diverse functions of natural products – including many important medicines like plant-derived chemotherapeutics, fungal psychedelics, and cone snail venoms – as case studies to teach fundamental principles of biochemistry and cell biology. By exploring the diverse pharmacy of natural products that have evolved in nature, we aim to illustrate how specific, molecular level interactions can lead to powerful toxic and medicinal effects on other organisms. Additionally, we will introduce major research techniques that are used to study the biological functions of natural products and discuss the essential role of these techniques for future efforts to discover new drugs from nature. Collectively, this course will provide a cross-disciplinary platform for exploring the molecular and biochemical properties that make natural products a critical component of not just the evolution of species, but also our medicine, culture, and research.

Course ID: 225811
2026 Spring (4 Credits)

One semester of organic chemistry (e.g. CHEM 17 or CHEM 20) or biochemistry (e.g. MCB 63 or MCB 65).

MCB 146

Experience-Based Brain Development: Causes and Consequences

TR 0300 PM - 0415 PM

Takao Hensch

At no time in life does the surrounding environment so potently shape brain function as in infancy and early childhood. This course integrates molecular/cellular biology with systems neuroscience to explore biological mechanisms underlying critical periods in brain development. Understanding how neuronal circuits are sculpted by experience will motivate further consideration of the social impact on therapy, education, policy, and ethics.

Course ID: 212831
2025 Fall (4 Credits)

Instructor Permission Required

Prerequisite: PreLs1a or LPSA and MCB/Neuro 80 or instructor approval.

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 149

The History of Molecular Biology

Course ID: 220065
2025 Fall (4 Credits)

MW 0430 PM - 0545 PM

Richard Losick

The field of molecular biology revolutionized our understanding of how living systems work. How did this transformation come about? We delve into three decades of transformative discoveries and historic publications that wrought this revolution

Course Note: This course is cross-listed with The History of Science.

Life and Physical Sciences A or Life Sciences 1A or Life Sciences 50 or Life Sciences 1B or the equivalent.

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 160

Cancer: Genetics, Genomics and Therapeutics

MW 0130 PM - 0245 PM

Craig Hunter

Course ID: 225750
2026 Spring (4 Credits)

Instructor Permission Required

This is a project and discussion-based course for advanced students to explore the genetic and genomic basis of cancer and the development of cancer therapeutics. The course is interactive, with an emphasis on critical analysis, discussion, and collaboration. The assignments are structured to encourage both individual and group engagement with the material, ensuring that students develop a comprehensive understanding of the subject matter while honing their communication skills. The readings will focus on seminal discoveries, modern experimental approaches, and break-through treatments. The learning goals for the students include, how to read the primary literature, how to ask scientific questions, and how to apply the scientific method.

LS1A/B or equivalent.

MCB 165

Interplay between Viruses and their Hosts

MW 1030 AM - 1145 AM

Victoria D'Souza

Course ID: 156010
2026 Spring (4 Credits)

This course provides a foray into virology, advanced cell biology, biochemistry and structural biology topics through the lens of viruses as they invade their hosts. Lectures first demonstrate concepts by placing a particular emphasis on the human immunodeficiency virus (HIV), which provides well-studied examples of intricate virus-host interactions that occur throughout its complex life cycle. Discussion sections then solidify these concepts by analysis of primary literature on other viruses, for example SARS-CoV2, Ebola, etc.

Requires: Prerequisite: MCB 60

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 169

Molecular and Cellular Immunology

TR 1030 AM - 1145 AM

Shiv Pillai

Course ID: 111720
2025 Fall (4 Credits)

The immune system is the frontier at which molecular biology, cell biology, and genetics intersect with the pathogenesis of disease. There is no area of modern biology that is as intimately linked to disease as Immunology. This field has given us the first rational therapies in medicine, actual cures for many cancers, and new innovative therapies harnessing immunology are being created at breakneck speed! In this course we examining the underlying scientific bases of how the immune system works and its contributions to disease pathogenesis, protection, treatment and prevention. We will discuss the biology of the host response to infections, autoimmunity, allergic disorders, primary immunodeficiency syndromes, transplantation, and cancer.

Some understanding of basic cell biology and genetics is very helpful.

Requires: Prerequisite: LPS A OR LS 1a

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 170

Brain Invaders: Building and Breaking Barriers in the Nervous System

MW 0130 PM - 0245 PM

Laura Magnotti

Course ID: 207770

2026 Spring (4 Credits)

Instructor Permission Required

The brain has evolved a unique but very effective system to protect itself from invaders. In this course, we will explore the specific defenses that the nervous system uses to protect itself. We will also examine how some pathogens evade or breach those defenses and the impact of those invasions. Finally, we will explore how scientists have been able to translate their understanding of these pathogenic mechanisms into technologies for research and therapeutic applications.

Prerequisite: (LPS A OR LS 1a) AND MCB/NEURO 80 or Instructor Approval.

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 175

Principles of Cell Physiology

MW 0130 PM - 0245 PM

Nicholas Bellono

Course ID: 218679

2025 Fall (4 Credits)

How do cells communicate and respond to their environment? How do cells communicate and respond to their environment? MCB175 explores foundational principles in cell physiology using biological extremes to provide insights into core fundamental concepts. We exploit unusual sensory receptors, venomous animals, peculiar unicellular organisms, plants, and diseases as examples of specialized signaling mechanisms in diverse cell types, organismal states, and evolutionary adaptations. Through reading and discussing primary literature and scientific writing and presentation assignments, students strengthen skills in critical thinking, interpretation of data, and experimental strategy to ask biological questions.

MCB 60 or MCB/Neuro 80

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 188

Chromosomes

TR 0300 PM - 0415 PM

Nancy Kleckner

Course ID: 114864

2026 Spring (4 Credits)

Chromosomes are the repositories of our genetic material. Their evolution, dynamics, transmission and management (and the ways in which these aspects go awry) is fundamental to life. The goal of this course is to provide a broad understanding of these issues from diverse perspectives and length scales, ranging from molecules to whole chromosomes, and from genetics to biochemistry to physical and mechanical aspects, with implications for evolution and disease.

Course Note: If you have not taken MCB 60 and LS1B or the equivalent you may request permission of the instructor.

Requires: Prerequisite: LS 1b AND MCB 60

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 197

Gene Regulation: A Bench-to-Bedside Journey

MW 0130 PM - 0245 PM

Amanda Whipple

Course ID: 224007

2025 Fall (4 Credits)

Instructor Permission Required

How do all our cells carry the same DNA yet perform distinct functions in our body? How do cells know what type of proteins they should produce? In this class, we will look at the rules and mechanisms that enable a subset of genes to be selectively expressed in each cell. We will examine how disruptions in gene regulation contribute to disease and design therapeutic strategies for correcting gene expression in disease. This course adopts a classroom "bench-to-bedside" approach, mirroring the translation of basic scientific research in the laboratory into practical medical applications in the clinic. Each week you'll engage in complementary sessions — "bench" and "bedside" — that bridge the gap between scientific foundations and practical applications. In bench sessions, you will engage in lectures exploring historical discoveries and modern methodologies in gene regulation, foster critical thinking through in-class discussions, and critique primary research publications. Topics

covered will include genome architecture, gene expression, RNA processing, and the non-coding genome. In bedside sessions, you will learn to visualize and interpret human genomic and transcriptomic data through public genome browsers (no coding required), and you will practice designing CRISPR, siRNA, and ASO therapeutics for disease. As a final project, you will draw upon insights acquired from bench and bedside sessions to design a novel therapeutic strategy for a genetic condition, which will be presented in class. This course offers a unique opportunity to explore aspects of gene regulation, from its molecular foundation to practical implementation in gene therapy.

Life and Physical Sciences A or Life Sciences 1a; Life Sciences 1b.

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 198

Course ID: 127011

Advanced Mathematical Techniques for Modern Biology

2025 Fall (4 Credits)

TR 0130 PM - 0245 PM

Instructor Permission Required

Sharad Ramanathan

How do we find biologically meaningful patterns in a large amount of data? How do animals learn to use patterns in the environment to infer information despite the ignorance of the underlying laws? The course will introduce Bayesian analysis, maximum entropy principles, hidden markov models and pattern theory in order to study DNA sequence, gene expression and neural spike train data. The relevant biological background will be covered in depth.

A strong background in calculus, linear algebra, fourier analysis, complex analysis at the advanced undergraduate level and an introductory knowledge of probability theory is required. Knowledge of statistical mechanics and comfort with programming will be useful.

FAS Divisional Distribution: Science & Engineering & Applied Science

Quantitative Reasoning with Data: Yes

MCB 207

Course ID: 224869

MCO 101: The PhD Journey - Navigating Towards Success

2026 Spring (2 Credits)

W 0300 PM - 0545 PM

Jeeyun Chung

Identifying a scientific question that excites an individual G1 student and effectively communicating their research progress to the community are critical for successful graduate studies. This course provides an essential roadmap for first-year MCO graduate students to learn how to present their research questions and their impacts in the most effective way through a short research proposal format (specific aims limited to 1 page). Additionally, students will learn how to deliver a 10-minute short oral presentation on their research progress by giving three rounds of rotation progress talks in the class. Short oral presentations are the most common presentation style that graduate students will encounter during their training at conferences, making it a critical skill to master. Moreover, students will participate in a forum-style class at the end of their third rotation term to understand the crucial factors to consider when choosing a thesis lab. This will aid them in making a thoughtful decision about their PhD thesis lab. Overall, the course is designed to assist MCO students in preparing for their PhD journey and full commitment.

FAS Divisional Distribution: None

MCB 208

Course ID: 121320

Talking about Science

2025 Fall (4 Credits)

T 0430 PM - 0600 PM

Instructor Permission Required

Richard Losick, Michael Greenberg, Clifford Tabin

Teaches advanced students how to give a good research talk while exposing them to seminal scientific discoveries. Emphasis will be on speaking style, lecture organization, and use of video projection tools.

Course Note: In addition to lecture material from the instructor, students will present experiments from Nobel Prize-winning work. The presentations will be critiqued in class by the participants. Open to second year graduate students or with permission of the instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 231

Computational Neuroscience

MW 0300 PM - 0415 PM

Haim Sompolinsky

Follows trends in modern brain theory, focusing on local neuronal circuits as basic computational modules. Explores the relation between network architecture, dynamics, and function. Introduces tools from information theory, statistical inference, and the learning theory for the study of experience-dependent neural codes. Specific topics: computational principles of early sensory systems; adaptation and gain control in vision, dynamics of recurrent networks; feature selectivity in cortical circuits; memory; learning and synaptic plasticity; noise and chaos in neuronal systems.

Course Note: Also offered as Neuro 231 and MCB 231. Cannot be taken for credit as Physics 231 if Neuro 231 or MCB 231 is already complete.

Basic knowledge of multivariate calculus, differential equations, linear algebra, and elementary probability theory.

Requires: Anti-Requisite: Cannot be taken for credit if NEURO 131 already complete.

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 260

Physical Biochemistry: Understanding Macromolecular Machines

MWF 1030 AM - 1145 AM

Monique Brewster, Maxim Prigozhin, Rebecca LaCroix

This course develops your understanding of fundamental biochemistry concepts and how they are applied in cutting-edge structural and molecular biology research. You will learn about protein and nucleic acid structure, thermodynamics, kinetics, and intermolecular interactions while exploring techniques like cryo-electron microscopy, AlphaFold protein structure prediction, molecular dynamics, and protein design with Rosetta. The course emphasizes applying these concepts to cell signaling, metabolism and drug-target interactions using interactive lectures.

Course ID: 225766

2026 Spring (4 Credits)

Instructor Permission Required

MCB 290A

Current Topics in Molecular, Cellular and Organismal Biology

F 0345 PM - 0545 PM

Florian Engert, Kazuki Nagashima

This class teaches students how to publicly present scientific papers to a diverse audience with emphasis on contextualizing the scientific problem under discussion, critically presenting the essential data, and using an engaging presentation style.

Course ID: 127009

2025 Fall (2 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

Full Year Course: Indivisible Course

MCB 290B

Current Topics in Molecular, Cellular and Organismal Biology

F 0345 PM - 0545 PM

Florian Engert, Kazuki Nagashima

This class teaches students how to publicly present scientific papers to a diverse audience with emphasis on contextualizing the scientific problem under discussion, critically presenting the essential data, and using an engaging presentation style. Required for all first year graduate students in the Molecules, Cells and Organisms (MCO) Training Program.

Course ID: 159566

2026 Spring (2 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

Full Year Course: Indivisible Course

MCB 294

Course ID: 122422
2025 Fall (4 Credits)

Interesting Questions in Physical Biology

TR 0300 PM - 0500 PM

Instructor Permission Required

Nancy Kleckner

Physical biology can be defined as a discipline that seeks to understand biological processes through the lens of physics and engineering. Faculty and students will unite to review current research with the aim of identifying and pondering interesting emerging questions in this area. Combination of lecture and discussion format. Comprises a series of two-week modules, most of which are given by a one or a pair of faculty drawn from MCB, Physics and SEAS.

Course Note: Intended for graduate students and advanced undergraduates in any department, but the course is available to other interested students, at any level, as space permits.

FAS Divisional Distribution: None

MCB 296

Course ID: 223030
2025 Fall (2 Credits)

Scientific Journeys

R 0600 PM - 0715 PM

Instructor Permission Required

Vladimir Denic

In this course one faculty member (typically from the MCO training program) meets each week with students for a one hour casual discussion of how specific events during their previous training (typically the PhD years) shaped their long-term scientific interests and career trajectory.

FAS Divisional Distribution: None

MCB 297

Course ID: 223831
2025 Fall (4 Credits)

Method and Logic

W 1245 PM - 0245 PM

Instructor Permission Required

Bence Olveczky

Topic: Neuroscience and Behavior

Each of the four Method and Logic courses are devoted to understanding the epistemic strategies used in four distinct areas of biology (A: Principles of spatiotemporal cell organization; B: Neuroscience and behavior; C: Discovery of cell mechanism; D: Evo/Devo). All four courses are based on critical evaluation of the primary scientific literature through weekly discussions of two papers, which could be either classic or modern. Students are expected to understand the following aspects of each paper: What came before and what came (or is likely to come) after? What is the key question that the authors are asking? What methodologies are used and what are their strengths and pitfalls for the question being addressed? Are the findings communicated clearly and effectively? And, most importantly, do the authors rigorously demonstrate their main conclusions or are other interpretations possible? In addition to in-class discussion of research papers, requiring robust contributions from all members of the class, each student will be individually graded on a writing assignment and an oral presentation focused on an open research question.

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 297

Course ID: 223831
2026 Spring (4 Credits)

Method and Logic

R 1200 PM - 0245 PM

Instructor Permission Required

Vladimir Denic

Topic: Discovery of Cell Mechanisms

Each of the four Method and Logic courses are devoted to understanding the epistemic strategies used in four distinct areas of biology (A: Principles of spatiotemporal cell organization; B: Neuroscience and behavior; C: Discovery of cell mechanism; D: Evo/Devo). All four courses are based on critical evaluation of the primary scientific literature through weekly discussions of two papers, which could be either classic or modern. Students are expected to understand the following aspects of each paper: What came before and what came (or is likely to come) after? What is the key question that the authors are asking? What methodologies are used and what are their strengths and pitfalls for the question being addressed? Are the findings communicated clearly and effectively? And, most importantly, do the authors rigorously demonstrate their main conclusions or are other interpretations possible? In addition to in-class discussion of research papers, requiring robust contributions from all members of the class, each student will be individually graded on a writing assignment and an oral

presentation focused on an open research question.

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 297 (002)

Course ID: 223831

Method and Logic

2025 Fall (4 Credits)

W 1245 PM - 0245 PM

Instructor Permission Required

Ethan Garner

Topic: Cellular Spatiotemporal Org.

Each of the four Method and Logic courses are devoted to understanding the epistemic strategies used in four distinct areas of biology (A: Principles of spatiotemporal cell organization; B: Neuroscience and behavior; C: Discovery of cell mechanism; D: Evo/Devo). All four courses are based on critical evaluation of the primary scientific literature through weekly discussions of two papers, which could be either classic or modern. Students are expected to understand the following aspects of each paper: What came before and what came (or is likely to come) after? What is the key question that the authors are asking? What methodologies are used and what are their strengths and pitfalls for the question being addressed? Are the findings communicated clearly and effectively? And, most importantly, do the authors rigorously demonstrate their main conclusions or are other interpretations possible? In addition to in-class discussion of research papers, requiring robust contributions from all members of the class, each student will be individually graded on a writing assignment and an oral presentation focused on an open research question.

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 297 (002)

Course ID: 223831

Method and Logic

2026 Spring (4 Credits)

R 0945 AM - 1145 AM

Instructor Permission Required

Cassandra Extavour

Topic: Evolution and Development

Each of the four Method and Logic courses are devoted to understanding the epistemic strategies used in four distinct areas of biology (A: Principles of spatiotemporal cell organization; B: Neuroscience and behavior; C: Discovery of cell mechanism; D: Evo/Devo). All four courses are based on critical evaluation of the primary scientific literature through weekly discussions of two papers, which could be either classic or modern. Students are expected to understand the following aspects of each paper: What came before and what came (or is likely to come) after? What is the key question that the authors are asking? What methodologies are used and what are their strengths and pitfalls for the question being addressed? Are the findings communicated clearly and effectively? And, most importantly, do the authors rigorously demonstrate their main conclusions or are other interpretations possible? In addition to in-class discussion of research papers, requiring robust contributions from all members of the class, each student will be individually graded on a writing assignment and an oral presentation focused on an open research question.

FAS Divisional Distribution: Science & Engineering & Applied Science

MCB 300A

Course ID: 114226

Introduction to Graduate Research

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Vladimir Denic

MCB 300B

Course ID: 159574

Introduction to Graduate Research

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Vladimir Denic

MCB 301A

Course ID: 122022

Synapse Formation

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

MCB 301B

Synapse Formation

No meeting time listed

Joshua Sanes

Course ID: 159575
2026 Spring (4 Credits)

Instructor Permission Required

MCB 304A

Experimental Biological Physics and Quantitative Cell Biology

No meeting time listed

Daniel Needleman

Course ID: 125080
2025 Fall (4 Credits)

Instructor Permission Required

MCB 304B

Experimental Biological Physics and Quantitative Cell Biology

No meeting time listed

Daniel Needleman

Course ID: 159576
2026 Spring (4 Credits)

Instructor Permission Required

MCB 305A

Signaling Processing and Systems Biology

No meeting time listed

Sharad Ramanathan

Course ID: 125081
2025 Fall (4 Credits)

Instructor Permission Required

MCB 305B

Signaling Processing and Systems Biology

No meeting time listed

Sharad Ramanathan

Course ID: 159577
2026 Spring (4 Credits)

Instructor Permission Required

MCB 306A

Biophysics and Physiology of Neurons

No meeting time listed

Venkatesh Murthy

Course ID: 112326
2025 Fall (4 Credits)

Instructor Permission Required

MCB 306B

Biophysics and Physiology of Neurons

No meeting time listed

Venkatesh Murthy

Course ID: 159578
2026 Spring (4 Credits)

Instructor Permission Required

MCB 309A

Sensory Processing in Visual Cortical Circuits

No meeting time listed

David Cox

Course ID: 109450
2025 Fall (4 Credits)

Instructor Permission Required

MCB 309B

Sensory Processing in Visual Cortical Circuits

No meeting time listed

David Cox

Course ID: 159581
2026 Spring (4 Credits)

Instructor Permission Required

MCB 310A	Course ID: 109586
Optical Approaches to Understanding Prokaryotic Cellular Organization	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Ethan Garner</i>	

MCB 310B	Course ID: 159582
Optical Approaches to Understanding Prokaryotic Cellular Organization	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Ethan Garner</i>	

MCB 313A	Course ID: 118053
Physical Biology of Chromosomes	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Nancy Kleckner</i>	

Full Year Course: Divisible Course
FAS Divisional Distribution: None

MCB 313B	Course ID: 159598
Physical Biology of Chromosomes	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Nancy Kleckner</i>	

MCB 314A	Course ID: 203418
Computational Genome Sequence Analysis	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Sean Eddy</i>	

MCB 314B	Course ID: 203419
Computational Genome Sequence Analysis	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Sean Eddy</i>	

MCB 315A	Course ID: 122423
Structural Biology of Signaling and Transport Through Biological Membranes	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Rachelle Gaudet</i>	

MCB 315B	Course ID: 159584
Structural Biology of Signaling and Transport Through Biological Membranes	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Rachelle Gaudet</i>	

MCB 316A	Course ID: 122424
Structural Biology of Retroviral Replication	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Victoria D'Souza</i>	

<p>MCB 316B</p> <p>Structural Biology of Retroviral Replication</p> <p><i>No meeting time listed</i></p> <p><i>Victoria D'Souza</i></p>	<p>Course ID: 159585</p> <p>2026 Spring (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>MCB 318A</p> <p>Evolutionary Dynamics: Understanding the Physical Nature of Protein Function</p> <p><i>No meeting time listed</i></p> <p><i>Doeke Hekstra</i></p>	<p>Course ID: 205011</p> <p>2025 Fall (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>MCB 318B</p> <p>Evolutionary Dynamics: Understanding the Physical Nature of Protein Function</p> <p><i>No meeting time listed</i></p> <p><i>Doeke Hekstra</i></p>	<p>Course ID: 205012</p> <p>2026 Spring (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>MCB 319A</p> <p>Sensory Biology and Cell Physiology</p> <p><i>No meeting time listed</i></p> <p><i>Nicholas Bellono</i></p>	<p>Course ID: 208123</p> <p>2025 Fall (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>MCB 319B</p> <p>Sensory Biology and Cell Physiology</p> <p><i>No meeting time listed</i></p> <p><i>Nicholas Bellono</i></p>	<p>Course ID: 208124</p> <p>2026 Spring (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>MCB 320A</p> <p>Gene Expression Regulation by Imprinted Non-coding RNAs</p> <p><i>No meeting time listed</i></p> <p><i>Amanda Whipple</i></p>	<p>Course ID: 214437</p> <p>2025 Fall (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>MCB 320B</p> <p>Gene Expression Regulation by Imprinted Non-coding RNAs</p> <p><i>No meeting time listed</i></p> <p><i>Amanda Whipple</i></p>	<p>Course ID: 214438</p> <p>2026 Spring (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>MCB 321A</p> <p>Multicolor and Time-Resolved Electron Microscopy</p> <p><i>No meeting time listed</i></p> <p><i>Maxim Prigozhin</i></p>	<p>Course ID: 215843</p> <p>2025 Fall (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
<p>MCB 321B</p> <p>Multicolor and Time-Resolved Electron Microscopy</p> <p><i>No meeting time listed</i></p> <p><i>Maxim Prigozhin</i></p>	<p>Course ID: 215844</p> <p>2026 Spring (4 Credits)</p> <p><i>Instructor Permission Required</i></p>

MCB 322A
Genetics and Development
No meeting time listed
Craig Hunter

Course ID: 120918
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

MCB 322B
Genetics and Development
No meeting time listed
Craig Hunter

Course ID: 159586
2026 Spring (4 Credits)
Instructor Permission Required

MCB 325
Mechanisms of parasitic behavior manipulation
MTWRF -
Carolyn Elya

Course ID: 224674
2025 Fall (4 Credits)
Instructor Permission Required

This course is for dissertation students completing research in the Elya lab.

FAS Divisional Distribution: None

MCB 325
Mechanisms of parasitic behavior manipulation
MTWRF -

Course ID: 224674
2026 Spring (4 Credits)
Instructor Permission Required

This course is for dissertation students completing research in the Elya lab.

FAS Divisional Distribution: None

MCB 327
Life Science Pedagogy
T 1030 AM - 1145 AM
Vladimir Denic, Sean Eddy, Stephan Foianini

Course ID: 219923
2026 Spring (2 Credits)
Instructor Permission Required

This is a semester-long course aimed to help you reflect on your teaching goals and practices. The course will cover topics such as: active learning, backward design, student feedback and evaluation, equity and inclusion, disciplinary transparency, and content delivery. The course will meet once a week and is designed to minimize work outside of class time. It is intended for graduate students in the life sciences and adjacent fields.

FAS Divisional Distribution: None

MCB 328A
Neuronal Circuit Development
No meeting time listed
Takao Hensch

Course ID: 124233
2025 Fall (4 Credits)
Instructor Permission Required

MCB 328B
Neuronal Circuit Development
No meeting time listed
Takao Hensch

Course ID: 159587
2026 Spring (4 Credits)
Instructor Permission Required

MCB 331A	Course ID: 125382
Single-Cell Analysis of Transcriptional and Signaling Networks in Bacteria	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Philippe Cluzel</i>	

FAS Divisional Distribution: None
Full Year Course: Divisible Course

MCB 331B	Course ID: 159589
Single-Cell Analysis of Transcriptional and Signaling Networks in Bacteria	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Philippe Cluzel</i>	

MCB 332A	Course ID: 125383
Mechanisms of Membrane-Based Cell Biological Processes	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Vladimir Denic</i>	

FAS Divisional Distribution: None
Full Year Course: Divisible Course

MCB 332B	Course ID: 159590
Mechanisms of Membrane-Based Cell Biological Processes	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Vladimir Denic</i>	

MCB 334A	Course ID: 223846
Biosynthesis and function of plant specialized metabolites	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Ryan Nett</i>	

MCB 334B	Course ID: 223847
Biosynthesis and function of plant specialized metabolites	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Ryan Nett</i>	

MCB 335A	Course ID: 223848
Cell Biology of Lipid Metabolism	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Jeeyun Chung</i>	

MCB 335B	Course ID: 223849
Cell Biology of Lipid Metabolism	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Jeeyun Chung</i>	

MCB 344A
Molecular and Developmental Neurobiology
No meeting time listed
Catherine Dulac

Course ID: 111398
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None
Full Year Course: Divisible Course

MCB 344B
Molecular and Developmental Neurobiology
No meeting time listed
Catherine Dulac

Course ID: 159594
2026 Spring (4 Credits)

Instructor Permission Required

MCB 350
Scientific Integrity
No meeting time listed
Polina Kehayova, Naoshige Uchida

Course ID: 156950
2025 Fall (2 Credits)

Instructor Permission Required

MCB 350 is designed for first year students in the MCO Program. The course is a discussion forum on scientific integrity using case studies to examine basic ethical and regulatory requirements for conducting research, and fulfills the National Institutes of Health (NIH) and National Science Foundation (NSF) requirements for formal Responsible Conduct of Research (RCR) instruction. Students are required to complete a pre-course assignment, attend all lectures including the final lecture in February, participate in class discussions, and complete a final course evaluation. A certificate will be issued upon successful completion of the course.

*Course Note: According to NIH Guidelines, students are required to take a Scientific Integrity Refresher Course every four years (*MCB 351).*

FAS Divisional Distribution: None

MCB 351
Scientific Integrity Refresher
No meeting time listed
Sam Kunes, Polina Kehayova

Course ID: 156951
2026 Spring (2 Credits)

Instructor Permission Required

MCB 351 is a refresher course in the Responsible Conduct of Research which must be completed by graduate students in the MCO PhD program every 4 years, and fulfills the National Institutes of Health (NIH) and National Science Foundation (NSF) requirements for formal Responsible Conduct of Research (RCR) instruction.

FAS Divisional Distribution: None

MCB 352
Microscopy
No meeting time listed
Douglas Richardson

Course ID: 156952
2026 Spring (2 Credits)

Instructor Permission Required

This course presents the fundamental concepts that underlie modern light microscopy in a rigorous but non-mathematical way for biological applications. The students will learn about the four major frameworks for light (ray optics, wave optics, electromagnetism, and quantum optics). The ways lenses work, the theory of resolution, and the optical design of the compound microscope will be described. The course will also describe the photo-physical principles that underlie fluorescence and genetically encoded fluorescent proteins, and light detector and imaging strategies. Scanning (confocal and 2P), light sheet and super-resolution microcopies will also be described. We will end with a tour of the Harvard Center of Biological Imaging. This course will be held March 26, April 2 and April 9, 2025 from 1:00 to 4:00PM.

MCB 355**Visualizing, Analyzing and Presenting Macromolecular Structures with PyMOL**Course ID: 160523
2026 Spring (2 Credits)*No meeting time listed*
*Rachelle Gaudet**Instructor Permission Required*

PyMOL is one of the most popular software programs to display and explore high-resolution structures of macromolecules. It is readily used to create publication-quality figures, and movies and animations of structural information. In this course, you will learn the basics of PyMOL and be able to display, explore and present three-dimensional structures of macromolecules. With this basic training, you will be able to generate high-quality images and simple movies, and have the resources to learn more on your own to generate more complex displays. The course will be held on March 24, 26, 31, and April 2 from 3:00-5:45 PM.

Course Note: The course will be held on March 24, 26, 31, and April 2 from 3:00-5:45 PM.

FAS Divisional Distribution: None

MCB 366A**Synaptic Plasticity and Neuronal Networks**Course ID: 117343
2025 Fall (4 Credits)*No meeting time listed*
*Florian Engert**Instructor Permission Required*

MCB 366B**Synaptic Plasticity and Neuronal Networks**Course ID: 159601
2026 Spring (4 Credits)*No meeting time listed*
*Florian Engert**Instructor Permission Required*

MCB 367A**Structural Studies of Synapses**Course ID: 120271
2025 Fall (4 Credits)*No meeting time listed*
*Jeff W. Lichtman**Instructor Permission Required*

MCB 367B**Structural Studies of Synapses**Course ID: 159602
2026 Spring (4 Credits)*No meeting time listed*
*Jeff W. Lichtman**Instructor Permission Required*

MCB 368A**Neural Circuits for Sensation and Behavior**Course ID: 125755
2025 Fall (4 Credits)*No meeting time listed*
*Naoshige Uchida**Instructor Permission Required*

MCB 368B**Neural Circuits for Sensation and Behavior**Course ID: 159604
2026 Spring (4 Credits)*No meeting time listed*
*Naoshige Uchida**Instructor Permission Required*

MCB 374A**Developmental Neurobiology**Course ID: 117855
2025 Fall (4 Credits)*No meeting time listed**Instructor Permission Required*

MCB 374B

Developmental Neurobiology

No meeting time listed

Sam Kunes

Course ID: 159605
2026 Spring (4 Credits)

Instructor Permission Required

MCB 379A

Social Behaviors and Genetics of Bacteria

No meeting time listed

Karine Gibbs

Course ID: 127012
2025 Fall (4 Credits)

Instructor Permission Required

MCB 379B

Social Behaviors and Genetics of Bacteria

No meeting time listed

Karine Gibbs

Course ID: 159608
2026 Spring (4 Credits)

Instructor Permission Required

MCB 381A

Microbial Development

No meeting time listed

Richard Losick

Course ID: 114819
2025 Fall (4 Credits)

Instructor Permission Required

MCB 381B

Microbial Development

No meeting time listed

Richard Losick

Course ID: 159609
2026 Spring (4 Credits)

Instructor Permission Required

MCB 396A

Regulation of Mitosis

No meeting time listed

Andrew Murray

Course ID: 115358
2025 Fall (4 Credits)

Instructor Permission Required

MCB 396B

Regulation of Mitosis

No meeting time listed

Andrew Murray

Course ID: 159612
2026 Spring (4 Credits)

Instructor Permission Required

LIFESCI 1A**An Integrated Introduction to the Life Sciences: Chemistry, Molecular Biology, and Cell Biology**

TR 0130 PM - 0245 PM

Daniel Kahne, Rachelle Gaudet, Sien Verschave, Rebecca LaCroix, Rebecca LaCroix

What are the fundamental features of living systems? What are the molecules imparting them and how do their chemical properties explain their biological roles? The answers form a basis for understanding the molecules of life, the cell, diseases, and medicines. In contrast with traditional presentations of relevant scientific disciplines in separate courses, we take an integrated approach, presenting chemistry, molecular biology, biochemistry, and cell biology framed within central problems such as the biology of viral infections.

Course Note: This class requires students to enroll in an untimed, placeholder section during registration and to submit time preferences as listed on the course website. Weekly section consists of discussion (75min) and lab (75min) at one assigned section time (150min total). Students will be asked to submit their preferred section times in advance before the end of registration. For more information about the section assignment process and how to submit time preferences, please see the course website. Sections will be assigned in my.harvard by April 26 for returning students and by Aug 22 for incoming students. This course, in combination with Life Sciences 1b, constitutes an integrated introduction to the Life Sciences.

SECTIONING TIMES OFFERED:

Wed 6-8.45pm

Thu 9-11.45am

Thu 3-5.45pm

Fri 9-11.45am

Fri 12-2.45pm

FAS Divisional Distribution: Science & Engineering & Applied Science

LIFESCI 1B**An Integrated Introduction to the Life Sciences: Genetics, Genomics, and Evolution**

MWF 0130 PM - 0245 PM

Andrew Berry, Monica Boselli, Maria Ostapovich, Scott Edwards, Scott Edwards

How are observable characteristics of organisms influenced by genetics? How do genomes change over time to produce the differences we see among species? This course takes an integrated approach, showing how genetics and evolution are intimately related, together explaining the patterns of genetic variation we see in nature, and how genomics can be used to analyze variation. In covering Mendelian genetics, quantitative genetics, and population genetics, this course will emphasize developments involving our own species.

Course Note: This course, in combination with Life Sciences 1a, constitutes an integrated introduction to the Life Sciences.

FAS Divisional Distribution: Science & Engineering & Applied Science

LIFESCI 50A**Integrated Science**

MTWRF 1030 AM - 1145 AM

Andrew Murray, Emma Nagy, Benjamin de Bivort, Kara McKinley, Kara McKinley

Course ID: 159706

2025 Fall (8 Credits)

Instructor Permission Required

This is an intensive two-semester, double course that introduces the natural sciences as an integrated whole to students who have a very strong interest in science. Our goal is to teach students how to solve scientific problems by drawing methods and concepts from biology, chemistry, physics, and mathematics. The course uses examples from biology as an integrating theme, principles from physics and mathematics to reduce complex problems to simpler forms, and computer simulation to allow students to develop their intuition about the behavior of the dynamical systems that control the physical and biological universe. The course includes bootcamps to introduce students to biological experiments and the computer language, Python. Each semester will include a project lab, in which students will work in small teams to do original research on unsolved biological problems.

LIFESCI 50B

Integrated Science

MTWRF 1030 AM - 1145 AM

Course ID: 159707
2026 Spring (8 Credits)

Instructor Permission Required

Andrew Murray, Benjamin de Bivort, Emma Nagy, Kara McKinley, Kara McKinley

This is an intensive two-semester, double course that introduces the natural sciences as an integrated whole to students who have a very strong interest in science. Our goal is to teach students how to solve scientific problems by drawing methods and concepts from biology, chemistry, physics, and mathematics. The course uses examples from biology as an integrating theme, principles from physics and mathematics to reduce complex problems to simpler forms, and computer simulation to allow students to develop their intuition about the behavior of the dynamical systems that control the physical and biological universe. The course includes bootcamps to introduce students to biological experiments and the computer language, Python. Each semester will include a project lab, in which students will work in small teams to do original research on unsolved biological problems.

High school calculus.

Requires: Prerequisite: Life Sciences 50A

FAS Divisional Distribution: Science & Engineering & Applied Science

Full Year Course: Divisible Course

LIFESCI 100R

Experimental Research in the Life Sciences

R 0300 PM - 0545 PM

Course ID: 119061
2025 Fall (4 Credits)

Instructor Permission Required

Alain Viel

A laboratory course that immerses students in a dynamic project-based research environment. Participate in experimental projects directly linked with ongoing faculty research. Students select a project from the following research tracks: neurobiology, microbial sciences, cell biology, and synthetic biology. New projects, including some in other research fields, are offered every term. In a highly collaborative atmosphere, students form a fully-functional and diverse research group based on the sharing of ideas and progress reports between projects. The spring microbiology project is part of the "genomes to Biomes" series. This course cannot be taken concurrently with LifeSci 100.

Course Note: Location of the first meeting will be announced on the course website. Open to freshmen, sophomores, juniors, and seniors, regardless of concentration, and suitable for students either with or without extensive laboratory experience. The course may only be repeated once and the second enrollment must be approved by the instructor.

Students interested in a neurobiology project will need MCB 80 or permission of the instructor. Please also note that students cannot take MCB 100 and LS 100 at the same time.

Requires: Prerequisite: LPS A OR LS 1a

FAS Divisional Distribution: Science & Engineering & Applied Science

LIFESCI 100R

Experimental Research in the Life Sciences

M 0300 PM - 0545 PM

Course ID: 119061
2026 Spring (4 Credits)

Instructor Permission Required

Alain Viel

A laboratory course that immerses students in a dynamic project-based research environment. Participate in experimental projects directly linked with ongoing faculty research. Students select a project from the following research tracks: neurobiology, microbial sciences, cell biology, and synthetic biology. New projects, including some in other research fields, are offered every term. In a highly collaborative atmosphere, students form a fully-functional and diverse research group based on the sharing of ideas and progress reports between projects. The spring microbiology project is part of the "genomes to Biomes" series. This course cannot be taken concurrently with LifeSci 100.

Course Note: Location of the first meeting will be announced on the course website. Open to freshmen, sophomores, juniors, and seniors, regardless of concentration, and suitable for students either with or without extensive laboratory experience. The course may only be repeated once and the second enrollment must be

approved by the instructor.

Students interested in a neurobiology project will need MCB 80 or permission of the instructor. Please also note that students cannot take MCB 100 and LS 100 at the same time.

Requires: Prerequisite: LPS A OR LS 1a

FAS Divisional Distribution: Science & Engineering & Applied Science

LIFESCI 132

The Business of Biotech: Fundamentals of Entrepreneurship

MW 1030 AM - 1145 AM

William Marks

Healthcare spending is rapidly nearing ~20% of GDP in many major countries. Digital technologies, AI and GenAI are redefining innovation. Dive into the world of biotech from a practitioner's perspective, with real-world insights that will fundamentally alter how you think about and operate in the industry. The course will cover topics essential for students interested in starting a new venture, joining an existing company, or working on the investing side of the biotech or pharmaceutical industries. The course will have regular guests (industry experts, CEOs, investors), and will include a mix of lecture and HBS cases and case method discussions.

Course ID: 226564

2025 Fall (4 Credits)

Music

Music

MUSIC BHFA

Graduate Musicianship

No meeting time listed

Liam Hynes-Tawa

This musicianship course encompasses multiple sections, which follow independent paths of study based on the general exam requirements of different degree programs. Students may expect to engage with music from across a wide range of historical and cultural contexts, covering topics such as functional harmony or post-tonality, while also branching into popular and non-Western music-theoretical systems and styles based on student research interests. In weekly assignments, students will learn how to apply analytical tools through close readings of music examples, and they will further aim to forge connections between theory and practice through sight-singing and ear-training activities. Students should plan to consult with the professor at the beginning of the semester to establish which areas of musicianship will be prioritized in their course of study. Students must complete both terms of this course (parts A and B) within the same academic year to receive credit.

Course Note: Required of all graduate students. This requirement must be met before admission to the General Examination.

Full Year Course: Indivisible Course

FAS Divisional Distribution: None

Course ID: 112235

2025 Fall (2 Credits)

MUSIC BHFB

Graduate Musicianship

No meeting time listed

Liam Hynes-Tawa

This course encompasses multiple sections that follow independent paths of study based on the general exam requirements of different degree programs. Students will engage with music from across a wide range of historical and cultural contexts, covering topics such as functional harmony or post-tonality, while also branching into popular and non-Western music-theoretical systems and styles based on student research interests. In assignments, students will learn how to apply analytical tools through close readings of music examples, and they will further forge connections between theory and practice through sight-singing and ear-training activities. Students should consult with the professor at the beginning of the semester to establish which areas of musicianship will be prioritized in their course of study.

Course ID: 160645

2026 Spring (2 Credits)

Requires: Pre-requisite: MUSIC BHFA

MUSIC 2 (LEC)

Foundations of Tonal Music I

Course ID: 118594
2026 Spring (4 Credits)

No meeting time listed

Liam Hynes-Tawa

Course description: In Music 2, students will learn the fundamental elements of music and staff notation, learning standard terminology and fundamental techniques through a variety of methods and repertoires. We will study the principles of musical organization (within a range of styles and historical periods) by means of composition projects, score analysis, improvisation, and aural skills. We will begin to think critically about larger topics, such as how music communicates emotion, and how this might change between cultures. No prior experience with music performance or with reading notation is required. Who should take this class? This course is best suited for students with little to no background in music, at least in terms of terminology and notation. Students who are already familiar with the fundamentals of music should consider Music 51a. What will I take away from this class? By the end of the course students will have learnt the basics of music terminology and notation, as well as the norms of Western harmony as far as the composition and analysis of simple chord progressions is concerned. Students will also have gained the experience of writing and performing a few simple pieces of their own.

Course Note: Department of Music courses in music theory will no longer require students to complete a placement exam. Instead, students are instructed to self-place into music theory course(s) that match their abilities and experience levels at the time of course registration. Students should follow the instructions here for more information: <https://music.fas.harvard.edu/music-theory-course-placement/>

No prior experience with music performance or with reading notation is required. Open to all students.

FAS Divisional Distribution: Arts and Humanities

MUSIC 4 (SEM)

Introduction to Composition

Course ID: 111353
2025 Fall (4 Credits)

T 1245 PM - 0245 PM

Instructor Permission Required

Yvette Jackson

Open to students with little or no prior experience in composition. Explores ways of thinking about and organizing basic compositional elements such as melody, harmony, rhythm and instrumental color, as well as developing skills of score preparation and analytical listening. The primary focus of the course is a series of short compositional exercises, culminating in a somewhat longer final project.

Some prior experience in music theory or permission of the instructor.

FAS Divisional Distribution: Arts and Humanities

MUSIC 27 (LEC)

Introduction to LatinX Musics in the United States

Course ID: 222121
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Alejandro Madrid-Gonzalez

This class offers a survey of music traditions among the different Latino communities in the U.S., with a special focus on Mexican-Americans, Cuban-Americans, Puerto Ricans, Colombian-Americans, and Central Americans. Through a combination of lectures, class discussion, and individual and group projects, this class emphasizes the relation between musical practices and particular cultural, political, social, and economic issues affecting these communities from a transnational perspective. It pays particular attention to questions concerning American identity, nation building, immigration, gender, race, acculturation, cultural hybridity, and transnational cultural flows in order to gain a relational knowledge of how a sense of identity is constructed within and among these communities.

FAS Divisional Distribution: Arts and Humanities

Music, Technology, and Ecology: Re-imagine the World with Sound

MW 0130 PM - 0245 PM

Jessie Cox

This course explores music that aims to reimagine our world with regards to ecology, society, and our sense of self. To do so we engage sound art, Afrofuturism, and experimental music practices. Attendees engage in both scholarly study and creative practice. No background in music is needed. Music and non-music concentrators are welcome to share their unique disciplinary interests. Everyone will build on their own skills and develop a broad set of approaches to sound making, listening, and analysis. Our listening journey will take us to Blombos cave 30'000 years ago, foreign planets (like Mars), across high-speed networks (like the internet), cyborgs, into forests, and disappearing glaciers. We build our own instruments, microphones, listen to sounds of animals and various materials, learn basics of electronic music production, and develop improvisation and collaboration skills.

Course Note: The course is equally open to beginners and more experienced music practitioners.

FAS Divisional Distribution: Arts and Humanities

MUSIC 51ACourse ID: 125212
2025 Fall (4 Credits)**Analyzing Tonal Music I**

W 0300 PM - 0500 PM

Instructor Permission Required

Toru Momii

Course description: In Music 51a, we will explore topics in tonal harmony, rhythm and meter, acoustics, form, and melodic structure in popular music, Western art music, and gagaku. Students will work with a variety of notational systems, including Western staff notation, the Nashville number system, lead sheet notation, and others. In addition, the class features a series of workshops on digital audio workstation GarageBand to develop skills for manipulating and analyzing recorded material. Who should take this class? Students with a strong interest in the "nuts and bolts" of music who are looking to learn about the stylistic conventions of popular music and European tonal music, and to understand how musical pieces in these genres are put together. What will I take away from this class? This course will help students develop a solid foundation for critical listening, aural and notation-based analysis, and musical interpretation. Students will gain basic fluency in recording and manipulating audio files. These skills can be applicable to a variety of musical contexts: performance, composition, songwriting, music criticism, and listening.

Course Note: Department of Music courses in music theory will no longer require students to complete a placement exam. Instead, students are instructed to self-place into music theory course(s) that match their abilities and experience levels at the time of course registration. Students should follow the instructions here for more information: <https://music.fas.harvard.edu/music-theory-course-placement/>

Competency with material from Music 2 is required. Students are expected to be able to read Western staff notation fluently (treble and bass clef) and be familiar with the following concepts: major and minor scales, time signatures, key signatures, triads, and chord structure including seventh chords.

FAS Divisional Distribution: Arts and Humanities

MUSIC 51BCourse ID: 125213
2026 Spring (4 Credits)**Analyzing Tonal Music II**

W 0300 PM - 0500 PM

Instructor Permission Required

Michèle Duguay

Students will build on knowledge and skills acquired in 51a, gaining greater familiarity with advanced theoretical and analytical approaches on diatonic modes, chromatic harmony, chord extensions, form, and timbre. Repertoires from Western art music and popular music are a central focus, and students will be working from a variety of notational systems. Continuing the trajectory established in Music 51a, the class features a series of workshops on digital audio workstation Logic Pro and audio analysis software Sonic Visualiser. In this course, you will continue to strengthen your critical listening and musical interpretation skills through aural, score-based, and computer-assisted audio analysis. These skills are applicable to performance, composition, songwriting, music criticism, and listening, and will prepare you for more advanced topic-based courses such as Music 150 and composition courses. Who should take this class? Students with a strong interest in the "nuts and bolts" of music who are looking to learn about the mechanisms of chromatic harmony, modality, timbre, and rhythm in popular music and Western art music. Sections: Tuesday, 9am-10am Thursday, 9am-10am

Course Note: Department of Music courses in music theory will no longer require students to complete a placement exam. Instead, students are instructed to self-place into music theory course(s) that match their abilities and experience levels at the time of course registration. Students should follow the instructions here for more information: <https://music.fas.harvard.edu/music-theory-course-placement/>

Students must have previously completed Music 51a. Students are expected to be able to read Western staff notation and lead sheets and be familiar with the following concepts: diatonic harmony, syncopation, AABA and verse-chorus forms, the twelve-bar blues, and the harmonic series.

FAS Divisional Distribution: Arts and Humanities

MUSIC 91

Supervised Reading and Research

Course ID: 110629
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Alexander Rehding

Music 91 Supervised Reading and Research is an opportunity for advanced students to pursue an area of musical interest in great depth. Open to Music concentrators only, students are required to submit a detailed proposal to the DUS describing their anticipated project in detail, including an estimated timeline for benchmarks and pathway to completion. Music 91 may be taken for concentration credit as an elective with the approval of the DUS. Independent Study will be approved by the DUS based on appropriateness of the proposed work, faculty availability, and with the understanding that all work must be fully self-directed by the student. Students may not take Music 91 more than once.

Course Note: Open to Music Concentrators only. Requires approval from the DUS to count toward concentration credit as an elective. Music 91 may not be used as an outlet for private lessons or instruction. Students must complete and submit the MUS 91 Proposal Form prior to course registration.

FAS Divisional Distribution: Arts and Humanities

MUSIC 91

Supervised Reading and Research

Course ID: 110629
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Liam Hynes-Tawa

Music 91 Supervised Reading and Research is an opportunity for advanced students to pursue an area of musical interest in great depth. Open to Music concentrators only, students are required to submit a detailed proposal to the DUS describing their anticipated project in detail, including an estimated timeline for benchmarks and pathway to completion. Music 91 may be taken for concentration credit as an elective with the approval of the DUS. Independent Study will be approved by the DUS based on appropriateness of the proposed work, faculty availability, and with the understanding that all work must be fully self-directed by the student. Students may not take Music 91 more than once.

Course Note: Open to Music Concentrators only. Requires approval from the DUS to count toward concentration credit as an elective. Music 91 may not be used as an outlet for private lessons or instruction. Students must complete and submit the MUS 91 Proposal Form prior to course registration.

FAS Divisional Distribution: Arts and Humanities

MUSIC 97F

Sophomore Tutorial

Course ID: 204967
2025 Fall (4 Credits)

T 0945 AM - 1145 AM

Instructor Permission Required

Liam Hynes-Tawa

Topic: Musical Narratives

The sophomore tutorials introduce students to a range of music-related activities—e.g. hearing and listening attentively to music, thinking and writing about music and music-making. Students choose from an array of small individual seminars that are centered on broad topics. Fall 2025: Music 97F: Musical Narratives Spring 2026: Music 97S: Border Sounds: From Corridos to AI, Music at the Edge of Culture and Identity Please see the individual websites for syllabuses and course materials. There are no prerequisites for the sophomore tutorials. Every individual seminar focuses on developing skills that will equip students for further work in the music concentration: in performance, in composition and artistic creation, in music history, ethnomusicology, music theory, and in cross-disciplinary research involving music.

Course Note: This course broadly considers the many relationships between music and story. On one hand, how are music and sound employed to support an external (and often fictional) narrative? On the other, how does music studies tell stories about music to a variety of audiences? Accordingly, this course is divided loosely in half. The first half of the course focuses on storytelling with music; we will survey and analyze a variety of narrative mediums that incorporate music and sound—including opera, film, and games—in order to gain a sense of the roles of the aural dimension in fiction. We will also interrogate the differences between plot and

narrative, asking whether or not music has the power to narrate. The second half of the course investigates storytelling about music; here, we explore how music studies crafts narratives about music and musical happenings to communicate an interpretation of events.

FAS Divisional Distribution: Arts and Humanities

MUSIC 97S

Sophomore Tutorial

W 0945 AM - 1145 AM

Liam Hynes-Tawa

Course ID: 204975
2026 Spring (4 Credits)

Instructor Permission Required

The sophomore tutorials introduce students to a range of music-related activities—e.g. hearing and listening attentively to music, thinking and writing about music and music-making. Students choose from an array of small individual seminars that are centered on broad topics. Fall 2025: Music 97F: Storytelling With/About Music Spring 2026: Music 97S: Border Sounds: From Corridos to AI, Music at the Edge of Culture and Identity Please see the individual websites for syllabuses and course materials. There are no prerequisites for the sophomore tutorials. Every individual seminar focuses on developing skills that will equip students for further work in the music concentration: in performance, in composition and artistic creation, in music history, ethnomusicology, music theory, and in cross-disciplinary research involving music.

Course Note: This course will examine a particular definition of social practice: that of art's (and an artist's) relationship to community - both to specific communities and to society at-large. Within this course I aim to broaden our expectations of music's capacity to transform communities and societies past the immediate moment of music-making and music-hearing - even beyond the moment of affect - investigating and attempting to define how it is possible for music to have measurable impacts on a country's sociological, cultural, and political frameworks. We will also examine the problematics of social practice: what does it truly mean to be in community? Questions of audience, institutional practice, gaze, historical context, and socioeconomic power dynamics will be considered and discussed.

The first portion of weeks in the course will be focused on grounding us together within the subject via class discussion of assigned readings and listening/viewing resources. The second portion of weeks will be focused on practical application of class topics through students' creation of new musical works. The third portion of weeks will be focused on collaboration and practical application/social practice.

FAS Divisional Distribution: Arts and Humanities

MUSIC 99R

Tutorial - Senior Year

No meeting time listed

Liam Hynes-Tawa

Course ID: 110987
2025 Fall (4 Credits)

Instructor Permission Required

Open to senior candidates for honors in Music who have written permission to enroll from the instructor with whom they wish to work, and also from the Head Tutor in Music. May be counted toward concentration credit only by honors candidates.

FAS Divisional Distribution: Arts and Humanities

MUSIC 99R

Tutorial - Senior Year

No meeting time listed

Alexander Rehding

Course ID: 110987
2026 Spring (4 Credits)

Open to senior candidates for honors in Music who have written permission to enroll from the instructor with whom they wish to work, and also from the Head Tutor in Music. May be counted toward concentration credit only by honors candidates.

FAS Divisional Distribution: Arts and Humanities

MUSIC 110R (STO)

Harvard-Radcliffe Orchestra

Course ID: 000110
2026 Spring (2 Credits)

No meeting time listed

Instructor Permission Required

Federico Cortese

Music 110 Harvard-Radcliffe Orchestra is an experiential learning course. The ensemble gives four main concerts each year, sometimes joining with the chorus to perform large-scale works. Repertoire includes major works of the classical symphonic repertoire, solo concertos (selected through an internal competition), contemporary or late 20th century music and special projects. Students are required to attend all rehearsals and HRO activities (including Wednesdays for large project rehearsals and Saturdays for concerts/special activities). Students are expected to practice their music outside the rehearsal time. This course is graded, and grades are given based on attendance, participation, and assigned coursework. Students are expected to enroll in the course for the duration of the season (both Fall and Spring semesters).

Course Note: Music 110 Harvard-Radcliffe Orchestra replaces previous courses Music 10 and Music 107. Students enrolled in Music 110 will take part in integrative academics and assigned special projects.

Prerequisites: Admission based on performance in HRO auditions (2 pieces in contrasting style) to be held before the start of semester classes.

FAS Divisional Distribution: None

MUSIC 110R (STO)

Course ID: 000110

Harvard-Radcliffe Orchestra

2025 Fall (2 Credits)

M 0715 PM - 0915 PM

Instructor Permission Required

Federico Cortese

Music 110 Harvard-Radcliffe Orchestra is an experiential learning course. The ensemble gives four main concerts each year, sometimes joining with the chorus to perform large-scale works. Repertoire includes major works of the classical symphonic repertoire, solo concertos (selected through an internal competition), contemporary or late 20th century music and special projects. Students are required to attend all rehearsals and HRO activities (including Wednesdays for large project rehearsals and Saturdays for concerts/special activities). Students are expected to practice their music outside the rehearsal time. This course is graded, and grades are given based on attendance, participation, and assigned coursework. Students are expected to enroll in the course for the duration of the season (both Fall and Spring semesters).

Course Note: Music 110 Harvard-Radcliffe Orchestra replaces previous courses Music 10 and Music 107. Students enrolled in Music 110 will take part in integrative academics and assigned special projects.

Prerequisites: Admission based on performance in HRO auditions (2 pieces in contrasting style) to be held before the start of semester classes.

FAS Divisional Distribution: None

MUSIC 114R (STO)

Course ID: 000114

Harvard-Radcliffe Collegium Musicum

2025 Fall (2 Credits)

M 0430 PM - 0630 PM

Instructor Permission Required

Andrew Clark

Music 114 Harvard-Radcliffe Collegium Musicum performs a dynamic and innovative repertoire for mixed voices (SATB), ranging from classical masterpieces to new compositions by renowned, emerging, and student composers. Through creative projects, tours, and community engagement, the ensemble fosters a passionate community of student musicians. Collegium frequently partners with local arts organizations, as well as the other Harvard Choruses—the Harvard Glee Club, and the Radcliffe Choral Society.

Course Note: Music 114 Harvard-Radcliffe Collegium Musicum replaces previous courses Music 14 and Music 107.

Prerequisites: Audition required. For audition and further information, visit www.singatharvard.com. The course is graded based on attendance, participation, and assigned coursework. This course may be taken repeatedly.

FAS Divisional Distribution: None

MUSIC 114R (STO)

Course ID: 000114

Harvard-Radcliffe Collegium Musicum

2026 Spring (2 Credits)

No meeting time listed

Instructor Permission Required

Andrew Clark

Music 114 Harvard-Radcliffe Collegium Musicum performs a dynamic and innovative repertoire for mixed voices (SATB), ranging from classical masterpieces to new compositions by renowned, emerging, and student composers. Through creative projects, tours, and community engagement, the ensemble fosters a passionate community of student musicians. Collegium frequently partners with local arts organizations, as well as the other Harvard Choruses—the Harvard Glee Club, and the Radcliffe Choral Society.

Course Note: Music 114 Harvard-Radcliffe Collegium Musicum replaces previous courses Music 14 and Music 107.

Prerequisites: Audition required. For audition and further information, visit www.singatharvard.com. The course is graded based on attendance, participation, and assigned coursework. This course may be taken repeatedly.

MUSIC 115R (STO)

Harvard Glee Club

Course ID: 000115
2026 Spring (2 Credits)

No meeting time listed

Instructor Permission Required

Andrew Clark

Music 115 Harvard Glee Club: Founded in 1858, the Harvard Glee Club (a tenor-bass ensemble) performs music written in the male chorus tradition. HGC collaborates with arts groups on campus and across the world through national and international tours. Through excellence in performance, student-management, education, community, tradition, and service, the Glee Club offers a unique musical experience for all members.

Course Note: Music 115 Harvard Glee Club replaces previous courses Music 15 and Music 107.

Prerequisites: Audition required. The group is open to tenor and bass singers; we welcome, value, and support students of all gender identities. For audition and further information, visit www.singatharvard.com. The course is graded based on attendance, participation, and assigned coursework. This course may be taken repeatedly.

MUSIC 115R (STO)

Harvard Glee Club

Course ID: 000115
2025 Fall (2 Credits)

M 0430 PM - 0630 PM

Instructor Permission Required

Andrew Clark

Music 115 Harvard Glee Club: Founded in 1858, the Harvard Glee Club (a tenor-bass ensemble) performs music written in the male chorus tradition. HGC collaborates with arts groups on campus and across the world through national and international tours. Through excellence in performance, student-management, education, community, tradition, and service, the Glee Club offers a unique musical experience for all members.

Course Note: Music 115 Harvard Glee Club replaces previous courses Music 15 and Music 107.

Prerequisites: Audition required. The group is open to tenor and bass singers; we welcome, value, and support students of all gender identities. For audition and further information, visit www.singatharvard.com. The course is graded based on attendance, participation, and assigned coursework. This course may be taken repeatedly.

FAS Divisional Distribution: None

MUSIC 116R (STO)

Radcliffe Choral Society

Course ID: 000116
2026 Spring (2 Credits)

No meeting time listed

Instructor Permission Required

Andrew Clark

Music 116 Radcliffe Choral Society: Founded in 1899, the Radcliffe Choral Society is Harvard's oldest women's organization and one of the country's preeminent collegiate treble (SSAA) choruses.

Course Note: Music 116 Radcliffe Choral Society replaces previous courses Music 16 and Music 107.

Prerequisites: Audition required. The group is open to soprano and alto singers; we welcome, value, and support students of all gender identities. For audition and further information, visit www.singatharvard.com. The course is graded based on attendance, participation, and assigned coursework. This course may be taken repeatedly.

MUSIC 116R (STO)

Radcliffe Choral Society

MW 0430 PM - 0630 PM

Hana Cai

Course ID: 000116

2025 Fall (2 Credits)

Instructor Permission Required

Music 116 Radcliffe Choral Society: Founded in 1899, the Radcliffe Choral Society is Harvard's oldest women's organization and one of the country's preeminent collegiate treble (SSAA) choruses.

Course Note: Music 116 Radcliffe Choral Society replaces previous courses Music 16 and Music 107.

Prerequisites: Audition required. The group is open to soprano and alto singers; we welcome, value, and support students of all gender identities. For audition and further information, visit www.singatharvard.com. The course is graded based on attendance, participation, and assigned coursework. This course may be taken repeatedly.

FAS Divisional Distribution: None

MUSIC 118R (STO)

Harvard Jazz Orchestra

No meeting time listed

Yosvany Terry

Course ID: 000118

2026 Spring (2 Credits)

Instructor Permission Required

Music 118 Harvard Jazz Orchestra was created in 1971 and has served as the vehicle for students across disciplines to study and learn the jazz canon. In 2015, Yosvany Terry was appointed Director of Jazz Bands. Under his direction, the Harvard Jazz Orchestra continues this tradition of focusing on a program of study that provides students with a grounding in a wide range of iconic and new literature. The curriculum builds throughout the year.

Course Note: Music 118 Harvard Jazz Orchestra replaces previous courses Music 18 and Music 107.

The course is graded based on attendance, participation, and assigned coursework. This course may be taken repeatedly.

MUSIC 118R (STO)

Harvard Jazz Orchestra

T 0715 PM - 0915 PM

Yosvany Terry

Course ID: 000118

2025 Fall (2 Credits)

Instructor Permission Required

Music 118 Harvard Jazz Orchestra was created in 1971 and has served as the vehicle for students across disciplines to study and learn the jazz canon. In 2015, Yosvany Terry was appointed Director of Jazz Bands. Under his direction, the Harvard Jazz Orchestra continues this tradition of focusing on a program of study that provides students with a grounding in a wide range of iconic and new literature. The curriculum builds throughout the year.

Course Note: Music 118 Harvard Jazz Orchestra replaces previous courses Music 18 and Music 107.

The course is graded based on attendance, participation, and assigned coursework. This course may be taken repeatedly.

FAS Divisional Distribution: None

MUSIC 142R (LEC)

Foundations of Modern Jazz

T 1245 PM - 0245 PM

Yosvany Terry

Topic: West African Musical Tradition

Course ID: 138072

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Arts and Humanities

Topic: Art Blakey's Jazz Messengers

FAS Divisional Distribution: Arts and Humanities

MUSIC 150 (SEM)
Musical Analysis and Interpretation in the Classical Style

Course ID: 114188
2025 Fall (4 Credits)

R 0945 AM - 1145 AM

Instructor Permission Required

Michèle Duguay

This iteration of Music Analysis and Interpretation focuses on the intersection of music, voice, and text. We will begin by looking at issues of form, rhetoric, and narrative in instrumental Western art music of the 18th- and early 19th-centuries. How did Martines, Mozart, Beethoven, Sancho, and others create direction and closure in music with no text? We will then shift our focus to art songs in the 19th and 20th centuries, by studying the ways in which form, pitch, meter, and texture give rise to unique relationships between text and music in this repertoire. Lastly, we will delve into issues of intertextuality, vocal performance, and musical covers in the recorded music of 20th- and 21st-century popular singers. Through various writing assignments—concert reviews, liner notes, and analytical essays—students will hone their music analytical skills by interpreting the ways in which music, voice, and text are intertwined.

Who should take this class? This course is for musical performers, composers, and listeners who want to deepen their musical understanding and appreciation through music analysis. This iteration of Music Theory and Interpretation focuses on the intersection of music, voice, and text in three different repertoires. We will begin by looking at issues of form, rhetoric, and narrative in instrumental Western art music of the 18th- and early 19th-centuries. How did Martines, Mozart, Beethoven, Sancho, and others create direction and closure in music with no text? We will then shift our focus to art songs in the 19th and 20th centuries, by studying the ways in which form, pitch, meter, and texture give rise to unique relationships between text and music in this repertoire. Lastly, we will delve into issues of intertextuality, vocal performance, and musical covers in the recorded music of 20th- and 21st-century popular singers. Through various writing assignments—concert reviews, liner notes, and analytical essays—students will hone their music analytical skills by interpreting the ways in which music, voice, and text are intertwined.

FAS Divisional Distribution: Arts and Humanities

MUSIC 157RW (LEC)
South Indian Classical Music

Course ID: 156076
2025 Fall (4 Credits)

TR 0130 PM - 0245 PM

Instructor Permission Required

Richard Wolf

Analysis of south Indian classical composition and improvisational forms as performed today, as well as in the context of historical forms. Students will learn how to listen to and analyze the music through singing, reciting rhythm mnemonics, and learning to play the vina (a kind of lute). Students who so wish will also have the opportunity to play this music on instruments with which they are already familiar.

Course Note: By permission of instructor following interview first day of class. Separate section time TBD.

FAS Divisional Distribution: Arts and Humanities

MUSIC 160R (DIS)
Composition Seminar: Composing Theatre

Course ID: 119811
2026 Spring (4 Credits)

T 1245 PM - 0245 PM

Instructor Permission Required

Yvette Jackson

One course in music theory, composition, or consent of the instructor.

FAS Divisional Distribution: Arts and Humanities

MUSIC 161R (LEC)

Advanced Composition

No meeting time listed

Chaya Czernowin

Course ID: 119812
2026 Spring (4 Credits)

Instructor Permission Required

In this course, students will be engaged with different modalities of creation through composing, listening, and discussing. At times students will become storytellers in sound, at other times, they will try to create meaningful musical phrases by using one tone only. The class offers space for experimentation and provides ways of discoveries and out-of-the-box thinking as one works with sound and sonic ideas. Students will work within their aesthetic preferences while also being challenged to grow by going beyond their comfort zone and imagining new possibilities. The final project will be a class concert.

One course in theory/composition or permission of the instructor.

FAS Divisional Distribution: Arts and Humanities

MUSIC 167 (SEM)

Storytelling with Sounds

M 0300 PM - 0530 PM

Hans Tutschku

Course ID: 118185
2025 Fall (4 Credits)

Instructor Permission Required

This course focuses on individual creative work in composition using electronic sound media. Students will explore acoustic and electronic theory, musique concrète, and acousmatic music, as well as sampling and digital recording techniques. Each student will complete two projects: one based on predefined sound recordings and another as a self-developed sound story. Practical sessions will provide hands-on experience and support for project development.

Course Note: No prerequisites. Section time: Wednesday 3-5 p.m.

FAS Divisional Distribution: Arts and Humanities

MUSIC 174R (STO)

Advanced Ensemble Workshop for Composers, Performers, and Improvisers: Project Development

No meeting time listed

Jessie Cox

Course ID: 116445
2026 Spring (4 Credits)

Advanced Ensemble Workshop for Composers, Performers, and Improvisers: Project Development Centering individual project development, this course explores various approaches to working across methods of music-making in the 20th and 21st century by way of individual and collaborative musical projects. Attendees will develop a project to be performed or recorded at the end of the semester. In the process, attendees gain knowledge of some strands of composition and performance methods that developed in the 20th century, including novel approaches to composition, improvisation, and performance. The course centers attendee's own unique approaches and collaboration with colleagues. Previous knowledge in music is required.

Course Note: Previous knowledge in music is required.

FAS Divisional Distribution: Arts and Humanities

MUSIC 175R (LEC)

Topics

T 0300 PM - 0500 PM

Federico Cortese

Topic: Shostakovich

Course ID: 108982
2025 Fall (4 Credits)

Instructor Permission Required

Shostakovich. Through study of the unique life and work of Dmitri Shostakovich, the course will focus on the tragic relationship between ideology and creativity, between totalitarian power intellectuals and artists in Soviet Union: the victims, the suffering, the "dissenters". Students will approach one of the most problematic and compelling geniuses of twentieth century.

This class is open to performers (instrumentalists and vocalists) and non-performers. Performers will form chamber ensembles and perform in a final concert.

MUSIC 177R (STO)

Creative Music: Advanced Ensemble Workshop

Course ID: 000177
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Vijay Iyer

This is a workshop for advanced composer-performer-improvisers, focusing on original and collaborative music-making, intended for musicians who have already taken Music 173 and/or 174, or have received permission from the instructor. Students will participate in ensembles with other members of the class and will keep recorded and written journals to document the process. Students will participate in two performances throughout the semester.

FAS Divisional Distribution: Arts and Humanities

MUSIC 180R (STO)

The Harvard New Music Ensemble

Course ID: 111399
2025 Fall (4 Credits)

T 0700 PM - 0930 PM

Claire Chase

MUSIC 180 is a performance-based course that focuses on ensemble music of the late 20th and early 21st centuries, with an emphasis on newly created work for collectively led, multigenre ensembles. Featured this semester will be a new work written for the Harvard New Music Ensemble by HNME Alum Jessica Shand ('22). All instruments, voices, and practices (ancient to the future!) are welcome, as are electronic and invented instruments. Previous knowledge of contemporary music is not required. Requirements are: previous experience with music (of any kind), openness, curiosity, a desire to collaborate, and a spirit of experimentation.

For examples of previous HNME projects and performances, visit the ensemble's YouTube Channel playlist

FAS Divisional Distribution: Arts and Humanities

MUSIC 186R

Contemporary Chamber Music

Course ID: 222096
2025 Fall (4 Credits)

W 0700 PM - 0900 PM

Instructor Permission Required

Claire Chase, Ken Hamao

MUSIC 186 is a course taught by Professors of the Practice Claire Chase and Ken Hamao that explores the performance and interpretation of contemporary chamber music. Through auditions, students will be divided into small ensembles that focus on repertoire of today and the recent past, with an emphasis on work by living composers. Groups will receive weekly coachings from either Prof. Chase or Prof. Hamao and will participate in workshops throughout the semester as well as projects and performances. Composers will also write and workshop new material with groups. Pre-formed groups (consisting of a minimum of three players) with specific projects in mind, individual performers who are interested in learning about contemporary chamber music, and undergraduate composers are encouraged to apply. In all cases, each individual is required to apply to the course separately. Please contact chase@fas.harvard.edu or ken_hamao@fas.harvard.edu to discuss any questions regarding repertoire or group type. All instrument types and vocalists are welcome to apply, whether or not you have specific repertoire projects to propose.

Course Note: Information about auditions and application procedures will be available in late Spring 2025. Graduate students are welcome to apply.

FAS Divisional Distribution: Arts and Humanities

MUSIC 189R

Chamber Music Performance

Course ID: 153042
2025 Fall (4 Credits)

R 0730 PM - 0930 PM

Instructor Permission Required

Jessica Bodner, Daniel Chong, Kee-Hyun Kim, Ken Hamao, Ken Hamao

Through auditions, students will be divided into chamber music ensembles by the Parker Quartet, and have weekly coachings with members of the Parker Quartet and pianist Mia Chung. The semester will culminate with public performances in Paine Hall. Instrumentalists and vocalists are welcome to audition; however, duos or vocal-only ensembles are not allowed. Students will be expected to rehearse between each coaching and to participate in class meetings throughout the semester. There will be a final jury evaluation prior to the final public

performances, to be held sometime during Reading Period--all students are required to be available. Students who do not meet the requirements in the Course Notes below may take the course for Pass/Fail credit. Please check audition dates and other mandatory meetings/classes on the Canvas Music 189R home page.

Course Note: New for the Fall 2025 semester: students will not be able to request pre-formed groups or personnel preferences. All group personnel decisions will be made by the instructors. Please visit Canvas page for the most updated schedule. In addition to end-of-semester public performances, this course will have mandatory full-class meetings on select Tuesday/Thursday evenings. Additionally, coachings will be scheduled throughout the semester between each group and instructor. Students who are currently in the NEC/Harvard dual program do not need to audition for the Fall 2025 semester, although this does not guarantee acceptance. Any other students who have enrolled in the course in past school years are required to re-audition. ALL students (including those exempt from a live audition) must fill out a questionnaire and submit it through Music 189's Canvas page. Students intending to enroll in both Harvard-Radcliffe Orchestra and Music 189R must audition for each course separately. This course is offered for letter-grade credit only when students are involved in one or more of the following: a Concentrator in Music; enrollment in a Department of Music course concurrently or in a previous semester (other than 189R); a member of a faculty-led music ensemble in the same semester; a student of the NEC/Harvard dual program. Students who do not meet one of these requirements may take the course for Pass/Fail credit, which must be done by petition after the first week of class. Entire class meets on select Tuesdays and Thursdays. Please see Canvas for specific dates.

FAS Divisional Distribution: None

MUSIC 189R

Course ID: 153042

Chamber Music Performance

2026 Spring (4 Credits)

TR 0730 PM - 0930 PM

Instructor Permission Required

Jessica Bodner, Daniel Chong, Kee-Hyun Kim, Ken Hamao, Ken Hamao

Through auditions, students will be divided into chamber music ensembles by the Parker Quartet, and have weekly coachings with members of the Parker Quartet and pianist Mia Chung. The semester will culminate with public performances in Paine Hall. Instrumentalists and vocalists are welcome to audition; however, duos or vocal-only ensembles are not allowed. Students will be expected to rehearse between each coaching and to participate in class meetings throughout the semester. There will be a final jury evaluation prior to the final public performances, to be held sometime during Reading Period--all students are required to be available. Students who do not meet the requirements in the Course Notes below may take the course for Pass/Fail credit. Please check audition dates and other mandatory meetings/classes on the Canvas Music 189R home page.

Course Note: New for the Fall 2025 semester: students will not be able to request pre-formed groups or personnel preferences. All group personnel decisions will be made by the instructors. Please visit Canvas page for the most updated schedule. In addition to end-of-semester public performances, this course will have mandatory full-class meetings on select Tuesday/Thursday evenings. Additionally, coachings will be scheduled throughout the semester between each group and instructor. Students who are currently in the NEC/Harvard dual program do not need to audition for the Fall 2025 semester, although this does not guarantee acceptance. Any other students who have enrolled in the course in past school years are required to re-audition. ALL students (including those exempt from a live audition) must fill out a questionnaire and submit it through Music 189's Canvas page. Students intending to enroll in both Harvard-Radcliffe Orchestra and Music 189R must audition for each course separately. This course is offered for letter-grade credit only when students are involved in one or more of the following: a Concentrator in Music; enrollment in a Department of Music course concurrently or in a previous semester (other than 189R); a member of a faculty-led music ensemble in the same semester; a student of the NEC/Harvard dual program. Students who do not meet one of these requirements may take the course for Pass/Fail credit, which must be done by petition after the first week of class.

FAS Divisional Distribution: None

MUSIC 190R (SEM)

Course ID: 118783

Gospel Music from the Church to the Streets

2026 Spring (4 Credits)

TR 0130 PM - 0245 PM

Instructor Permission Required

Charrise Barron

Gospel music has informed some of the greatest popular music artists of all time, including Elvis Presley, Snoopy Dogg, Aretha Franklin, Whitney Houston, and Beyoncé. This seminar surveys the history of African American gospel music as it has been implemented for worship, evangelism, and popular consumption. Beyond analysis of key musical and lyrical characteristics of gospel, this class gives attention to the religious and sociocultural contexts that inform gospel composition and performance. Consequently, this course is a musical introduction to African American Christianity. Finally, the global resonances of this music are explored to situate the music in the context of global Christianity. Classes include interactive demonstrations in addition to discussion of audio/video recordings, other primary source material, and required texts.

MUSIC 190RAM (SEM)**Music in Colonial Latin America**

M 1245 PM - 0245 PM

*Alejandro Madrid-Gonzalez*Course ID: 224703
2026 Spring (4 Credits)*Instructor Permission Required*

Music in Colonial Latin America. In 1494 the two kingdoms of the Iberian Peninsula, Spain and Portugal, signed the Treaty of Tordesillas, which divided the New World between them with the eventual blessing of the Pope Julius II's bull *E aquae pro bono pacis*. These events paved the way to the continuous presence of the Spanish and Portuguese empires as colonial powers in the Americas until 1898, when Spain lost its last two colonies in the continent, Cuba and Puerto Rico. This course explores the dynamics of coloniality in Latin America through the lens of musical and aural practices that, regulated by a variety of imperial, religious, and civic institutions, played a significant role in shaping the ideologies that have affected everyday class, racial, and gender relations in the region for centuries. The class studies the uses of Catholic music (cathedral and convent), secular music (villancicos and theatrical forms), and folk music (son traditions, fandangos, and Afro Latin American traditions) and their intersections in the implementation and negotiation of colonial class and racial structures and everyday practices, as well as in the development of new transgressive hybrid forms and spaces. These were transcultural forms that allowed members of subaltern racial and ethnic groups to forge cultural spaces of resistance and collective expression within the highly hierarchical order of the colonial Spanish vicerealties and the Portuguese captaincies of Brazil.

FAS Divisional Distribution: Arts and Humanities

MUSIC 190RB (SEM)**Topics in World Music: Proseminar***No meeting time listed**Charrise Barron*Course ID: 110638
2026 Spring (4 Credits)*Instructor Permission Required*

Gospel Music from the Church to the Streets. Gospel music has informed some of the greatest popular music artists of all time, including Elvis Presley, Snoop Dogg, Aretha Franklin, Whitney Houston, and Beyoncé. This seminar surveys the history of African American gospel music as it has been implemented for worship, evangelism, and popular consumption. Beyond analysis of key musical and lyrical characteristics of gospel, this class gives attention to the religious and sociocultural contexts that inform gospel composition and performance. Consequently, this course is a musical introduction to African American Christianity. Finally, the global resonances of this music are explored to situate the music in the context of global Christianity. Classes include interactive demonstrations in addition to discussion of audio/video recordings, other primary source material, and required texts.

Course Note: Students from other departments are warmly welcome.

FAS Divisional Distribution: Arts and Humanities

MUSIC 201A (SEM)**Introduction to Music Scholarship***No meeting time listed**Sindhumathi Revuluri*Course ID: 118075
2026 Spring (4 Credits)*Instructor Permission Required*

This course introduces students to the discipline of musicology. Particular attention will be given to emerging trends, methodologies, and modes of writing history. That is, we will concentrate not on music history per se, but on historiography—the way scholars write about music's past and present. We will examine the premises by which scholars frame their arguments, the methods they adopt (and neglect), and the basic problematics of research. We will also consider issues that connect musicology to the broader world. Emphasis will be on weekly readings of recent publications, brief writing assignments, and discussion.

Course Note: Graduate students only. Undergraduates may enroll only with prior approval from faculty.

FAS Divisional Distribution: None

MUSIC 207R (SEM)**Ethnomusicology: Seminar**Course ID: 111282
2026 Spring (4 Credits)

Richard Wolf

Music and Language. This course focuses on the practical interfaces between "music" (forms, genres, and practices) and "language" (structures, patterns, and habits of use). Over the semester students will read a diverse selection of writings from ethnomusicology, historical musicology, music theory and philosophy, linguistics, and linguistic anthropology. Readings and assignments will balance attention to theoretical treatment of music-language relations with practical exercises in listening to diverse musical and linguistic materials. Examples are drawn from different parts of the world, with an emphasis on Africa, South Asia, the Middle East, the Americas and the English-speaking world.

Course Note: May be taken by students from other departments by permission of instructor.

FAS Divisional Distribution: Arts and Humanities

MUSIC 207R (SEM)

Course ID: 111282

Ethnomusicology: Seminar

2025 Fall (4 Credits)

R 0300 PM - 0500 PM

Instructor Permission Required

Richard Wolf

Music and Language. This course focuses on the practical interfaces between "music" (forms, genres, and practices) and "language" (structures, patterns, and habits of use). Over the semester students will read a diverse selection of writings from ethnomusicology, historical musicology, music theory and philosophy, linguistics, and linguistic anthropology. Readings and assignments will balance attention to theoretical treatment of music-language relations with practical exercises in listening to diverse musical and linguistic materials. Examples are drawn from different parts of the world, with an emphasis on Africa, South Asia, the Middle East, the Americas and the English-speaking world.

Course Note: May be taken by students from other departments by permission of instructor.

FAS Divisional Distribution: Arts and Humanities

MUSIC 208R (SEM)

Course ID: 111347

Ethnomusicology: Seminar

2026 Spring (4 Credits)

R 0300 PM - 0500 PM

Instructor Permission Required

Charrise Barron

Black Popular Music: This course orients the student to the history and study of black popular music. The course charts the history of African American music by tracing key movements in African American history—geographical relocations, political and artistic uprisings and outcries, and commercial breakthroughs. This course orients the student to the history and study of black popular music. This course traces black American music from the songs of the enslaved to twenty-first-century hip hop. The course introduces seminal texts and preeminent scholars along the way.

Course Note: Students from other departments are welcome. Open to undergraduates with permission of instructor.

FAS Divisional Distribution: Arts and Humanities

MUSIC 210R (SEM)

Course ID: 111708

Ethno/Musicology Seminar

2025 Fall (4 Credits)

W 0300 PM - 0500 PM

Alejandro Madrid-Gonzalez

Music Biography: Reassessing a Genre. Johann Nikolaus Forkel's 1802 biography of Johann Sebastian Bach not only helped cement the idea of the composer from Eisenach as a musical "genius" but also, arguably, signaled the birth of musikwissenschaft (musicology) as an authoritative scholarly field. From the discipline's inception through the 1990s, biographical studies thrived through the most important epistemological transformations of musicology as a field of studies. However, at a moment when critical music research moves away from celebrating "great men," reproducing Eurocentric teleology, and embracing grand historical narratives, one would think that the genre may lose its popularity. By critically engaging classic as well as recent music biographical literature this class seeks to interrogate the genre, its current transformations, and its future viability as music scholarship opens to modes of inquiry from ethnomusicology, popular music studies, anthropology, sociology, cultural studies, and performance studies.

MUSIC 221R (SEM)

Current Issues in Music Theory

T 1245 PM - 0245 PM

Toru Momii

Course ID: 124044

2025 Fall (4 Credits)

Instructor Permission Required

This seminar introduces students to the current issues in U.S./Canadian music theory, with particular emphasis on the field's interdisciplinary connections with the intellectual project of ethnic studies. Readings will draw widely from music theory, historical musicology, and ethnomusicology, as well as from disciplines such as Black Studies, Indigenous Studies, Asian American Studies, decolonial theory, gender and sexuality studies, and critical university studies to consider how these methodologies reimagine music theory's normative practices of listening, analysis, and pedagogy. By exploring how questions of power and identity intersect with contemporary issues facing music theorists, we will examine the possibilities of interdisciplinary, socially engaged, and public-facing music-theoretical work and how we might imagine and act towards a more equitable discipline.

Course Note: Enrollment is open to all graduate and upper-level undergraduate students, upon approval by instructor.

FAS Divisional Distribution: Arts and Humanities

MUSIC 222R (SEM)

Schenkerian Analysis I

No meeting time listed

Suzannah Clark

Course ID: 113613

2026 Spring (4 Credits)

Instructor Permission Required

Introduction to the theories and graphing techniques of Heinrich Schenker and his followers through the analysis of selected works.

Course Note: Open to undergraduates with permission of instructor.

FAS Divisional Distribution: Arts and Humanities

MUSIC 230R (SEM)

Topics in Music Theory

R 0300 PM - 0500 PM

Michèle Duguay

Course ID: 116618

2025 Fall (4 Credits)

Instructor Permission Required

Timbre. This seminar delves into various approaches to the analysis of timbre: audio feature extraction, psychoacoustics, vocalicity and listening, and organology. Through weekly discussion of key texts and musical analyses, students will develop a critical understanding of the ways in which timbre has been conceptualized and discussed in music studies.

Course Note: Enrollment is open to all graduate and upper-level undergraduate students; please email the instructor if you have any questions.

Ability to read Western staff notation is not required for this course.

FAS Divisional Distribution: Arts and Humanities

MUSIC 231R (SEM)

Topics in Analysis

No meeting time listed

Suzannah Clark

Course ID: 226484

2026 Spring (4 Credits)

Analyzing Song: Paradigms for the Middle Ages and the 19th Century.

MUSIC 246R (SEM)

Opera, Empire, Modernity

Course ID: 226365

2025 Fall (4 Credits)

Since the late Renaissance, the work of opera has been bound up with Europe's imperial ambitions. In this course, we will interrogate its role as a world-historical phenomenon in consolidating, sustaining, and challenging colonial empires over the past four centuries. How was the growth and development of opera as a cultural institution affected by European expansionism? Does opera have a special kinship with secular modernity? What can quintessentially operatic figures (the castrato, the prima donna, the doomed lover, the femme fatale) tell us about non-normative identities? And what social, cultural, or political roles can opera fill in the era of global capitalism? Topics include exoticist and Orientalist tropes and racial costuming; adaptation of European opera across the globe; transgressions of the gender frontier; and hybrid re-interpretations and stagings of works from the operatic canon. We survey a variety of genres from Restoration semi-opera to contemporary Baroque-folk fusion, postmodern re-stagings of opera seria and postcolonial musical adaptations, television opera and the concept album; and visits from practitioners and creative artists are planned.

Course taught by new Music Department faculty member, Devon Borowski.

FAS Divisional Distribution: Arts and Humanities

MUSIC 247R (SEM)

Sound Studies

M 0300 PM - 0500 PM

Course ID: 226426
2025 Fall (4 Credits)

Instructor Permission Required

Sound studies is an interdisciplinary field, situated at the intersection of science and technology studies, film, music, media, anthropology, and cultural studies. Scholars in sound studies analyze both the technologies and cultural techniques involved in the production, reception, and meaning of sound and listening. This seminar is intended as a broad introduction to sound studies. We read major texts and theorists in the field and investigate some of the central topics of concern, such as soundscape (contemporary and historical), acoustic ecology, listening (from philosophical, sociological, and cultural perspectives), electronic music and noise, sound art, histories of audio technologies, and cultural techniques of sound production and reception. Substantial weekly readings and a final research project are required.

Graduate students from other department are welcome.

FAS Divisional Distribution: Arts and Humanities

MUSIC 250HFA

Colloquium on Teaching Pedagogy

F 0300 PM - 0500 PM

Course ID: 125863
2025 Fall (2 Credits)

This course serves as an introduction to teaching at Harvard and beyond. It constitutes a forum for studying learning, designing instruction, practicing teaching, and communicating about successes and challenges in your classroom. This course is exclusively for third-year graduate students in music.

Course Note: Required of all third year music department graduate students. This course must be taken Sat/Unsat. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

FAS Divisional Distribution: None

Full Year Course: Indivisible Course

MUSIC 250HFB

Colloquium on Teaching Pedagogy

T 0945 AM - 1145 AM

Course ID: 160663
2026 Spring (2 Credits)

Colloquium on Teaching Pedagogy. This course serves as an introduction to teaching at Harvard and beyond. It constitutes a forum for studying learning, designing instruction, practicing teaching, and communicating about successes and challenges in your classroom. Although a requirement for third-year graduate students and others new to teaching, the course is open to all who are interested in pedagogy regardless of their level of experience.

Course Note: Required of all third year music department graduate students. This course must be taken Sat/Unsat. Students must complete both parts of this course (parts A and B) within the same academic year in

order to receive credit.

Requires: Pre-requisite: MUSIC 250HFA

Full Year Course: Indivisible Course

FAS Divisional Distribution: None

MUSIC 262R

Composition: Seminar

No meeting time listed

Chaya Czernowin

For first year, second year and advanced graduate students prepared for work in original composition.

FAS Divisional Distribution: None

Course ID: 113931
2025 Fall (4 Credits)

MUSIC 262R

Composition: Seminar

No meeting time listed

Chaya Czernowin

For first year, second year and advanced graduate students prepared for work in original composition.

FAS Divisional Distribution: None

Course ID: 113931
2026 Spring (4 Credits)

MUSIC 264R (SEM)

Composing with Max/MSP

T 1200 PM - 0200 PM

Hans Tutschku

Instructor Permission Required

Composing with Max/MSP. This course explores the integration of Max/MSP into live electronic compositions and improvisations. Topics include microphone signal analysis for real-time sound processing, spatial sound design in concert settings, event handling, and structuring a concert patch. Students will develop their own composition and improvisation concepts, culminating in a presentation at the December Hydra concert.

At least one year of practice with Max MSP (medium proficiency).

FAS Divisional Distribution: Arts and Humanities

Course ID: 111123
2025 Fall (4 Credits)

MUSIC 266R (SEM)

Creative Practice & Critical Inquiry Seminar

M 0700 PM - 0900 PM

Vijay Iyer

Instructor Permission Required

Emergent Musicalities. This is a forum primarily intended for graduate students in Creative Practice and Critical Inquiry, but others may join with permission of the instructor. CPCI students and some faculty will present and discuss their creative projects throughout the semester. We will also host a handful of virtual visits from guest artists.

FAS Divisional Distribution: Arts and Humanities

Course ID: 156122
2025 Fall (4 Credits)

MUSIC 284R (SEM)

CPCI Seminar: Narrative Soundscape Composition

W 0300 PM - 0500 PM

Yvette Jackson

Soundscape composition emerged in the late 1960s as a practice rooted in acoustic ecology. Through

Course ID: 000284
2025 Fall (4 Credits)

independent and collaborative sound-making, critical listening and inquiry, we will explore the potential to bring about change in issues related to social justice, food and water rights, and climate change. We will push the boundaries of soundscape composition, radio opera, and other sonic arts in order to educate, instigate, and motivate transformation in our communities.

Course Note: Undergraduates may enroll with permission of instructor.

FAS Divisional Distribution: Arts and Humanities

MUSIC 286R (SEM)

Course ID: 218677

Creative Practice and Critical Inquiry Seminar

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Jessie Cox

Artist-Scholars and Book Writing. Enrolled attendees learn skills directly applicable to their scholarly work as artist-scholars. Part of this is reflecting on how musicians practice writing and how we may turn our own, or our colleagues, artistic practices into academic books, or other kinds of written texts to share our theorizing with the public. Attendees read a book of their choice as a way to study the art of book writing. Subsequently, they develop the skills to write a book proposal of their own. To foster peer feedback and working within a community of thinkers and artists, the seminar hosts a series of guests with whom attendees enter into conversations. Attendees will moderate discussions, serve as respondents, and engage in open discussions with some of the leading scholars and artists of the topic for the semester. Some of the questions that we engage are: What unique ways of thinking our world might music afford? How do praxis and theory intertwine and influence each other? What kinds of methodologies and new approaches to study, research, and interdisciplinarity might listening, sound, and musicians and their work propose? Our study is aided by reading the writing of musicians who theorized the world as part of their artistic practice and of scholars whose works derive from thinking alongside these practices. Specifically, we will read musicians' texts such as Anthony Braxton's *Tri-Axium Writings*, Alice Coltrane's books, Cecil Taylor's liner notes to *Unit Structures*, and Susie Ibarra's *Rhythms of Nature*. Alongside those we also engage scholars who develop their theorizing from these musical practices such as Fred Moten and Fumi Okiji. This course is for graduate students of all disciplines. Artists are welcome but skill in music or other artistic disciplines is not required. Nonetheless, the course centers particularly music and sound in their relation to scholarship.

FAS Divisional Distribution: Arts and Humanities

MUSIC 288R (SEM)

Course ID: 225723

Topics in Music Philosophy

2026 Spring (4 Credits)

W 1245 PM - 0245 PM

Instructor Permission Required

Carolyn Abbate

The seminar will introduce participants to some classic texts in music philosophy, as well as exploring questions relevant to here and now, as they emerge from the discussions. We look at assertions and arguments that music is able to do things: inspire political change (for example, lead to climate activism), model ethical behavior (represent cooperation), reflect social and historical constructs (trace disenchantment), shape an emotional habitus (induce serenity); and claims that music constitutes a kind of thinking that improves on more humdrum and/or dubious ways of knowing. These have been central questions explored by music philosophers, and their responses range from skepticism to passionate hyperbole. What is the motivation for these claims, and why is their fervor often in inverse proportion to the economic value ascribed to music by society? Our entry into the subject is both via several famous philosophers and via contemporary reappraisals in a recent publication, *The Oxford Handbook of Western Music and Philosophy*.

MUSIC 290

Course ID: 224333

Music of the Last Ten Years

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Anne Shreffler

In investigating music since 2014, we will focus on work from a variety of genres from different geographic, cultural and aesthetic positions, rather than attempting a comprehensive survey. About half of the repertoire shall be by composers who live and work in the U.S., the other half international. Creators of notated and improvised music (of all genders) will be considered. Students will have input into the choice of music. Our main goals will be to get to know some pieces of music well and to develop a vocabulary for writing and talking about them. We will need to think about how to develop a frame of reference necessary to listen to, analyze, and understand a new

musical creation, to which accepted categories and descriptions might not necessarily apply. Another topic is how to evaluate the flood of information about new music currently available and ask how current trends alter existing historiographies. I believe that not only composers, but also musicologists, ethnomusicologists, and theorists should occupy themselves with new music as a significant cultural phenomenon. Writing about new music is not peripheral, but helps establish a discourse within which this repertory can become more visible in the cultural landscape.

Course Note: The seminar is open to graduate students in Music (all programs), as well as to undergraduates (with permission of instructor) and graduate students from other departments

FAS Divisional Distribution: Arts and Humanities

MUSIC 300	Course ID: 111710
Reading and Research for Advanced Students	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Carolyn Abbate</i>	

MUSIC 300	Course ID: 111710
Reading and Research for Advanced Students	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Carolyn Abbate</i>	

MUSIC 300 (002)	Course ID: 111710
Reading and Research for Advanced Students	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Yosvany Terry</i>	

MUSIC 300 (003)	Course ID: 111710
Reading and Research for Advanced Students	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Andrew Clark</i>	

MUSIC 300 (003)	Course ID: 111710
Reading and Research for Advanced Students	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Andrew Clark</i>	

MUSIC 300 (004)	Course ID: 111710
Reading and Research for Advanced Students	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Suzannah Clark</i>	

MUSIC 300 (004)	Course ID: 111710
Reading and Research for Advanced Students	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Suzannah Clark</i>	

MUSIC 300 (005)	Course ID: 111710
Reading and Research for Advanced Students	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Federico Cortese</i>	

MUSIC 300 (005)	Course ID: 111710
Reading and Research for Advanced Students	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Federico Cortese</i>	

MUSIC 300 (006)	Course ID: 111710
Reading and Research for Advanced Students	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Chaya Czernowin</i>	

MUSIC 300 (006)	Course ID: 111710
Reading and Research for Advanced Students	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Chaya Czernowin</i>	

MUSIC 300 (007)	Course ID: 111710
Reading and Research for Advanced Students	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Charrise Barron</i>	

MUSIC 300 (008)	Course ID: 111710
Reading and Research for Advanced Students	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Vijay Iyer</i>	

MUSIC 300 (008)	Course ID: 111710
Reading and Research for Advanced Students	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Christopher Hasty</i>	

MUSIC 300 (009)	Course ID: 111710
Reading and Research for Advanced Students	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Vijay Iyer</i>	

MUSIC 300 (010)	Course ID: 111710
Reading and Research for Advanced Students	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Ingrid Monson</i>	

MUSIC 300 (011)	Course ID: 111710
Reading and Research for Advanced Students	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Carol Oja</i>	

MUSIC 300 (012)	Course ID: 111710
Reading and Research for Advanced Students	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>

MUSIC 300 (012)
Reading and Research for Advanced Students
No meeting time listed
Ingrid Monson

Course ID: 111710
2026 Spring (4 Credits)
Instructor Permission Required

MUSIC 300 (013)
Reading and Research for Advanced Students
No meeting time listed
Kay Shelemay

Course ID: 111710
2025 Fall (4 Credits)
Instructor Permission Required

MUSIC 300 (014)
Reading and Research for Advanced Students
No meeting time listed
Carol Oja

Course ID: 111710
2026 Spring (4 Credits)
Instructor Permission Required

MUSIC 300 (015)
Reading and Research for Advanced Students
No meeting time listed
Anne Shreffler

Course ID: 111710
2025 Fall (4 Credits)
Instructor Permission Required

MUSIC 300 (015)
Reading and Research for Advanced Students
No meeting time listed
Alexander Rehding

Course ID: 111710
2026 Spring (4 Credits)
Instructor Permission Required

MUSIC 300 (016)
Reading and Research for Advanced Students
No meeting time listed
Hans Tutschku

Course ID: 111710
2025 Fall (4 Credits)
Instructor Permission Required

MUSIC 300 (016)
Reading and Research for Advanced Students
No meeting time listed
Kay Shelemay

Course ID: 111710
2026 Spring (4 Credits)
Instructor Permission Required

MUSIC 300 (017)
Reading and Research for Advanced Students
No meeting time listed
Kate van Orden

Course ID: 111710
2025 Fall (4 Credits)
Instructor Permission Required

MUSIC 300 (017)
Reading and Research for Advanced Students
No meeting time listed
Esperanza Spalding

Course ID: 111710
2026 Spring (4 Credits)
Instructor Permission Required

MUSIC 300 (018)	Course ID: 111710
Reading and Research for Advanced Students	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Richard Wolf</i>	
MUSIC 300 (018)	Course ID: 111710
Reading and Research for Advanced Students	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Anne Shreffler</i>	
MUSIC 300 (019)	Course ID: 111710
Reading and Research for Advanced Students	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Claire Chase</i>	
MUSIC 300 (019)	Course ID: 111710
Reading and Research for Advanced Students	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Hans Tutschku</i>	
MUSIC 300 (020)	Course ID: 111710
Reading and Research for Advanced Students	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Alejandro Madrid-Gonzalez</i>	
MUSIC 300 (020)	Course ID: 111710
Reading and Research for Advanced Students	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Kate van Orden</i>	
MUSIC 300 (021)	Course ID: 111710
Reading and Research for Advanced Students	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Richard Wolf</i>	
MUSIC 300 (022)	Course ID: 111710
Reading and Research for Advanced Students	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Michael Uy</i>	
MUSIC 300 (023)	Course ID: 111710
Reading and Research for Advanced Students	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Michael Uy</i>	
MUSIC 301R	Course ID: 000301
Reading and Research	2025 Fall (2 Credits)
<i>No meeting time listed</i>	
<i>Kate van Orden</i>	

MUSIC 301R
Reading and Research

No meeting time listed
Kate van Orden

Course ID: 000301
2026 Spring (2 Credits)

Instructor Permission Required

MUSIC 305R
Dissertation Proposal Research

No meeting time listed
Kate van Orden

Course ID: 208353
2025 Fall (2 Credits)

Instructor Permission Required

Primarily for G3 students. Individual work in preparation for the dissertation proposal. Not counted toward the Ph.D.

FAS Divisional Distribution: None

MUSIC 305R
Dissertation Proposal Research

No meeting time listed
Kate van Orden

Course ID: 208353
2026 Spring (2 Credits)

Instructor Permission Required

Primarily for G3 students. Individual work in preparation for the dissertation proposal. Not counted toward the Ph.D.

FAS Divisional Distribution: None

MUSIC 307T
Teaching Fellow

No meeting time listed
Kate van Orden

Course ID: 208933
2025 Fall (2 Credits)

Primarily for G3 and advanced students spending time as a Teaching Fellow. Not counted towards the Ph.D

FAS Divisional Distribution: None

MUSIC 307T
Teaching Fellow

No meeting time listed
Kate van Orden

Course ID: 208933
2026 Spring (2 Credits)

Instructor Permission Required

Primarily for G3 and advanced students spending time as a Teaching Fellow. Not counted towards the Ph.D

FAS Divisional Distribution: None

MUSIC 308R
Dissertation Research, Composition and Performance

No meeting time listed
Kate van Orden

Course ID: 217472
2025 Fall (4 Credits)

Instructor Permission Required

MUSIC 308R
Dissertation Research, Composition and Performance

No meeting time listed

Course ID: 217472
2026 Spring (4 Credits)

Instructor Permission Required

MUSIC 310
Direction of Doctoral Dissertations
No meeting time listed
Carolyn Abbate

Course ID: 111023
2026 Spring (4 Credits)

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (002)
Direction of Doctoral Dissertations
No meeting time listed
Suzannah Clark

Course ID: 111023
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (002)
Direction of Doctoral Dissertations
No meeting time listed
Suzannah Clark

Course ID: 111023
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (003)
Direction of Doctoral Dissertations
No meeting time listed
Chaya Czernowin

Course ID: 111023
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (003)
Direction of Doctoral Dissertations
No meeting time listed
Chaya Czernowin

Course ID: 111023
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (004)
Direction of Doctoral Dissertations
No meeting time listed
Emily Dolan

Course ID: 111023
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (004)

Direction of Doctoral Dissertations

No meeting time listed

Emily Dolan

Course ID: 111023

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (005)

Direction of Doctoral Dissertations

No meeting time listed

Christopher Hasty

Course ID: 111023

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (005)

Direction of Doctoral Dissertations

No meeting time listed

Christopher Hasty

Course ID: 111023

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (006)

Direction of Doctoral Dissertations

No meeting time listed

Vijay Iyer

Course ID: 111023

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (006)

Direction of Doctoral Dissertations

No meeting time listed

Vijay Iyer

Course ID: 111023

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (007)	Course ID: 111023
Direction of Doctoral Dissertations	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Thomas Forrest Kelly</i>	

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (007)	Course ID: 111023
Direction of Doctoral Dissertations	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Thomas Forrest Kelly</i>	

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (008)	Course ID: 111023
Direction of Doctoral Dissertations	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Ingrid Monson</i>	

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (008)	Course ID: 111023
Direction of Doctoral Dissertations	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Ingrid Monson</i>	

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (009)	Course ID: 111023
Direction of Doctoral Dissertations	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Carol Oja</i>	

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (009)	Course ID: 111023
Direction of Doctoral Dissertations	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Carol Oja</i>	

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (010)

Direction of Doctoral Dissertations

No meeting time listed

Alexander Rehding

Course ID: 111023

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (010)

Direction of Doctoral Dissertations

No meeting time listed

Alexander Rehding

Course ID: 111023

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (011)

Direction of Doctoral Dissertations

No meeting time listed

Sindhumathi Revuluri

Course ID: 111023

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (011)

Direction of Doctoral Dissertations

No meeting time listed

Sindhumathi Revuluri

Course ID: 111023

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (012)

Direction of Doctoral Dissertations

No meeting time listed

Kay Shelemay

Course ID: 111023

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (012)

Direction of Doctoral Dissertations

No meeting time listed

Kay Shelemay

Course ID: 111023

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (013)

Direction of Doctoral Dissertations

No meeting time listed

Anne Shreffler

Course ID: 111023
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (013)

Direction of Doctoral Dissertations

No meeting time listed

Anne Shreffler

Course ID: 111023
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (014)

Direction of Doctoral Dissertations

No meeting time listed

Hans Tutschku

Course ID: 111023
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (014)

Direction of Doctoral Dissertations

No meeting time listed

Hans Tutschku

Course ID: 111023
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (015)

Direction of Doctoral Dissertations

No meeting time listed

Kate van Orden

Course ID: 111023
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (015)

Direction of Doctoral Dissertations

No meeting time listed

Kate van Orden

Course ID: 111023

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (016)

Direction of Doctoral Dissertations

No meeting time listed

Richard Wolf

Course ID: 111023

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (016)

Direction of Doctoral Dissertations

No meeting time listed

Richard Wolf

Course ID: 111023

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (017)

Direction of Doctoral Dissertations

No meeting time listed

Alejandro Madrid-Gonzalez

Course ID: 111023

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (017)

Direction of Doctoral Dissertations

No meeting time listed

Claire Chase

Course ID: 111023

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (018)

Direction of Doctoral Dissertations

No meeting time listed

Claire Chase

Course ID: 111023

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (018)

Direction of Doctoral Dissertations

No meeting time listed

Esperanza Spalding

Course ID: 111023
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (019)

Direction of Doctoral Dissertations

No meeting time listed

Charrise Barron

Course ID: 111023
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

MUSIC 310 (020)

Direction of Doctoral Dissertations

No meeting time listed

Carolyn Abbate

Course ID: 111023
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May not be counted toward course requirements for the PhD degree.

FAS Divisional Distribution: None

Near Eastern Languages and Civilizations

Arabic

ARABIC AA

Elementary Arabic I

MTWR 0900 AM - 1015 AM

Dana Malhas

Course ID: 116746
2025 Fall (4 Credits)

Instructor Permission Required

Introduces students to the phonology and script of classical/modern standard Arabic and covers the basic morphology and syntax of the written language. Emphasis on the development of the four skills (reading, speaking, listening, and writing). Samples of modern (contemporary) and classical styles of writing introduced into basic syllabus, and audio-visual material from the contemporary Arabic media. Required textbooks: (1) Alif Baa (with multimedia), 3rd edition. (2) Al-Kitaab fii Ta'allum al-'Arabiyya:, Part I, 3rd edition.

Course Note: Offered jointly with the Divinity School as 4345A.

Not open to auditors. Cannot be taken pass/fail.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Arabic

ARABIC AA

Elementary Arabic I

MTWR 1030 AM - 1145 AM

Course ID: 116746
2026 Spring (4 Credits)

Instructor Permission Required

Nader Uthman

Introduces students to the phonology and script of classical/modern standard Arabic and covers the basic morphology and syntax of the written language. Emphasis on the development of the four skills (reading, speaking, listening, and writing). Samples of modern (contemporary) and classical styles of writing introduced into basic syllabus, and audio-visual material from the contemporary Arabic media. Required textbooks: (1) Alif Baa (with multimedia), 3rd edition. (2) Al-Kitaab fii Ta'allum al-'Arabiyya:, Part I, 3rd edition.

Course Note: Offered jointly with the Divinity School as 4345A.

Not open to auditors. Cannot be taken pass/fail.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Arabic

ARABIC AA (002)

Elementary Arabic I

MTWR 1030 AM - 1145 AM

Dana Malhas

Course ID: 116746
2025 Fall (4 Credits)

Instructor Permission Required

Introduces students to the phonology and script of classical/modern standard Arabic and covers the basic morphology and syntax of the written language. Emphasis on the development of the four skills (reading, speaking, listening, and writing). Samples of modern (contemporary) and classical styles of writing introduced into basic syllabus, and audio-visual material from the contemporary Arabic media. Required textbooks: (1) Alif Baa (with multimedia), 3rd edition. (2) Al-Kitaab fii Ta'allum al-'Arabiyya:, Part I, 3rd edition.

Course Note: Offered jointly with the Divinity School as 4345A.

Not open to auditors. Cannot be taken pass/fail.

FAS: Meets Foreign Lang Req: Arabic

FAS Divisional Distribution: None

ARABIC AA (003)

Elementary Arabic I

MTWR 1200 PM - 0115 PM

Richard Cozzens

Course ID: 116746
2025 Fall (4 Credits)

Instructor Permission Required

Introduces students to the phonology and script of classical/modern standard Arabic and covers the basic morphology and syntax of the written language. Emphasis on the development of the four skills (reading, speaking, listening, and writing). Samples of modern (contemporary) and classical styles of writing introduced into basic syllabus, and audio-visual material from the contemporary Arabic media. Required textbooks: (1) Alif Baa (with multimedia), 3rd edition. (2) Al-Kitaab fii Ta'allum al-'Arabiyya:, Part I, 3rd edition.

Course Note: Offered jointly with the Divinity School as 4345A.

Not open to auditors. Cannot be taken pass/fail.

FAS: Meets Foreign Lang Req: Arabic

FAS Divisional Distribution: None

ARABIC AA (004)

Elementary Arabic I

MTWR 0130 PM - 0245 PM

Richard Cozzens

Course ID: 116746
2025 Fall (4 Credits)

Instructor Permission Required

Introduces students to the phonology and script of classical/modern standard Arabic and covers the basic morphology and syntax of the written language. Emphasis on the development of the four skills (reading, speaking, listening, and writing). Samples of modern (contemporary) and classical styles of writing introduced into basic syllabus, and audio-visual material from the contemporary Arabic media. Required textbooks: (1) Alif Baa (with multimedia), 3rd edition. (2) Al-Kitaab fii Ta'allum al-'Arabiyya:, Part I, 3rd edition.

Course Note: Offered jointly with the Divinity School as 4345A.

Not open to auditors. Cannot be taken pass/fail.

FAS: Meets Foreign Lang Req: Arabic

FAS Divisional Distribution: None

ARABIC AA (005)

Elementary Arabic I

Course ID: 116746

2025 Fall (4 Credits)

MTWR 0900 AM - 1015 AM

Instructor Permission Required

Aya Khalaf Ahmed

Introduces students to the phonology and script of classical/modern standard Arabic and covers the basic morphology and syntax of the written language. Emphasis on the development of the four skills (reading, speaking, listening, and writing). Samples of modern (contemporary) and classical styles of writing introduced into basic syllabus, and audio-visual material from the contemporary Arabic media. Required textbooks: (1) Alif Baa (with multimedia), 3rd edition. (2) Al-Kitaab fii Ta'allum al-'Arabiyya:, Part I, 3rd edition.

Course Note: Offered jointly with the Divinity School as 4345A.

Not open to auditors. Cannot be taken pass/fail.

FAS: Meets Foreign Lang Req: Arabic

FAS Divisional Distribution: None

ARABIC AB

Elementary Arabic II

Course ID: 159876

2026 Spring (4 Credits)

MTWR 0900 AM - 1015 AM

Instructor Permission Required

Amr Madi

Introduces students to the phonology and script of classical/modern standard Arabic and covers the basic morphology and syntax of the written language. Emphasis on the development of the four skills (reading, speaking, listening, and writing). Samples of modern (contemporary) and classical styles of writing introduced into basic syllabus, and audio-visual material from the contemporary Arabic media. Required textbooks: (1) Alif Baa (with multimedia), 2nd edition. (2) Al-Kitaab fii Ta'allum al-'Arabiyya:, Part I, 2nd edition.

Course Note: Offered jointly with the Divinity School as 4345B.

Not open to auditors. Cannot be taken pass/fail.

Requires: Pre-requisite: ARABIC AA

FAS: Meets Foreign Lang Req: Arabic

FAS Divisional Distribution: None

ARABIC AB (002)

Elementary Arabic II

Course ID: 159876

2026 Spring (4 Credits)

MTWR 1030 AM - 1145 AM

Instructor Permission Required

Dana Malhas

Introduces students to the phonology and script of classical/modern standard Arabic and covers the basic morphology and syntax of the written language. Emphasis on the development of the four skills (reading, speaking, listening, and writing). Samples of modern (contemporary) and classical styles of writing introduced into basic syllabus, and audio-visual material from the contemporary Arabic media. Required textbooks: (1) Alif Baa (with multimedia), 2nd edition. (2) Al-Kitaab fii Ta'allum al-'Arabiyya:, Part I, 2nd edition.

Course Note: Offered jointly with the Divinity School as 4345B.

Not open to auditors. Cannot be taken pass/fail.

Requires: Pre-requisite: ARABIC AA

FAS: Meets Foreign Lang Req: Arabic

FAS Divisional Distribution: None

ARABIC AB (003)

Elementary Arabic II

Course ID: 159876

2026 Spring (4 Credits)

Richard Cozzens

Introduces students to the phonology and script of classical/modern standard Arabic and covers the basic morphology and syntax of the written language. Emphasis on the development of the four skills (reading, speaking, listening, and writing). Samples of modern (contemporary) and classical styles of writing introduced into basic syllabus, and audio-visual material from the contemporary Arabic media. Required textbooks: (1) Alif Baa (with multimedia), 2nd edition. (2) Al-Kitaab fii Ta'allum al-'Arabiyya:, Part I, 2nd edition.

Course Note: Offered jointly with the Divinity School as 4345B.

Not open to auditors. Cannot be taken pass/fail.

Requires: Pre-requisite: ARABIC AA

FAS: Meets Foreign Lang Req: Arabic

FAS Divisional Distribution: None

ARABIC AB (004)

Course ID: 159876

Elementary Arabic II

2026 Spring (4 Credits)

MTWR 0130 PM - 0245 PM

Instructor Permission Required

Richard Cozzens

Introduces students to the phonology and script of classical/modern standard Arabic and covers the basic morphology and syntax of the written language. Emphasis on the development of the four skills (reading, speaking, listening, and writing). Samples of modern (contemporary) and classical styles of writing introduced into basic syllabus, and audio-visual material from the contemporary Arabic media. Required textbooks: (1) Alif Baa (with multimedia), 2nd edition. (2) Al-Kitaab fii Ta'allum al-'Arabiyya:, Part I, 2nd edition.

Course Note: Offered jointly with the Divinity School as 4345B.

Not open to auditors. Cannot be taken pass/fail.

Requires: Pre-requisite: ARABIC AA

FAS: Meets Foreign Lang Req: Arabic

FAS Divisional Distribution: None

ARABIC AB (005)

Course ID: 159876

Elementary Arabic II

2026 Spring (4 Credits)

MTWR 0300 PM - 0415 PM

Instructor Permission Required

Richard Cozzens

Introduces students to the phonology and script of classical/modern standard Arabic and covers the basic morphology and syntax of the written language. Emphasis on the development of the four skills (reading, speaking, listening, and writing). Samples of modern (contemporary) and classical styles of writing introduced into basic syllabus, and audio-visual material from the contemporary Arabic media. Required textbooks: (1) Alif Baa (with multimedia), 2nd edition. (2) Al-Kitaab fii Ta'allum al-'Arabiyya:, Part I, 2nd edition.

Course Note: Offered jointly with the Divinity School as 4345B.

Not open to auditors. Cannot be taken pass/fail.

Requires: Pre-requisite: ARABIC AA

FAS: Meets Foreign Lang Req: Arabic

FAS Divisional Distribution: None

ARABIC BA

Course ID: 109425

Intermediate Arabic I

2026 Spring (4 Credits)

MTWR 0900 AM - 1015 AM

Instructor Permission Required

A thorough review and continuation of literary (classic and modern) Arabic grammar with emphasis on reading, writing, speaking and listening comprehension. Course materials draw from both classical and modern Arabic literature and culture. Required textbook: Al-Kitaab fii Ta'allum al-'Arabiyya, Part II with DVDs, 3rd edition.

Course Note: Not open to auditors. Cannot be taken pass/fail. Offered jointly with the Divinity School as 4360.

Arabic AA/AB series, or equivalent.

HCOL: Foreign Lang Citation: Classical Arabic

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Arabic

ARABIC BA

Intermediate Arabic I

MTWR 0900 AM - 1015 AM

Amr Madi

Course ID: 109425
2025 Fall (4 Credits)

Instructor Permission Required

A thorough review and continuation of literary (classic and modern) Arabic grammar with emphasis on reading, writing, speaking and listening comprehension. Course materials draw from both classical and modern Arabic literature and culture. Required textbook: *Al-Kitaab fii Ta'allum al-Arabiyya*, Part II with DVDs, 3rd edition.

Course Note: Not open to auditors. Cannot be taken pass/fail. Offered jointly with the Divinity School as 4360.

Arabic AA/AB series, or equivalent.

FAS: Meets Foreign Lang Req: Arabic

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: Classical Arabic

ARABIC BA (002)

Intermediate Arabic I

MTWR 1030 AM - 1145 AM

Aya Khalaf Ahmed

Course ID: 109425
2025 Fall (4 Credits)

Instructor Permission Required

A thorough review and continuation of literary (classic and modern) Arabic grammar with emphasis on reading, writing, speaking and listening comprehension. Course materials draw from both classical and modern Arabic literature and culture. Required textbook: *Al-Kitaab fii Ta'allum al-Arabiyya*, Part II with DVDs, 3rd edition.

Course Note: Not open to auditors. Cannot be taken pass/fail. Offered jointly with the Divinity School as 4360.

Arabic AA/AB series, or equivalent.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Arabic

HCOL: Foreign Lang Citation: Classical Arabic

ARABIC BA (003)

Intermediate Arabic I

MTWR 0130 PM - 0245 PM

Aya Khalaf Ahmed

Course ID: 109425
2025 Fall (4 Credits)

Instructor Permission Required

A thorough review and continuation of literary (classic and modern) Arabic grammar with emphasis on reading, writing, speaking and listening comprehension. Course materials draw from both classical and modern Arabic literature and culture. Required textbook: *Al-Kitaab fii Ta'allum al-Arabiyya*, Part II with DVDs, 3rd edition.

Course Note: Not open to auditors. Cannot be taken pass/fail. Offered jointly with the Divinity School as 4360.

Arabic AA/AB series, or equivalent.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Arabic

HCOL: Foreign Lang Citation: Classical Arabic

ARABIC BB

Intermediate Arabic II

MTWR 0900 AM - 1015 AM

Dana Malhas

Course ID: 127804
2026 Spring (4 Credits)

Instructor Permission Required

A continuation of Arabic BA. Textbook: Al-Kitaab, volume II, 3rd edition.

Course Note: Not open to auditors. Cannot be taken pass/fail. Offered jointly with the Divinity School as 4361.

Arabic AA/AB series, and Arabic BA, or equivalent.

FAS: Meets Foreign Lang Req: Arabic

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: Modern Standard Arabic

ARABIC BB (002)

Intermediate Arabic II

MTWR 1030 AM - 1145 AM

Aya Khalaf Ahmed

Course ID: 127804

2026 Spring (4 Credits)

Instructor Permission Required

A continuation of Arabic BA. Textbook: Al-Kitaab, volume II, 3rd edition.

Course Note: Not open to auditors. Cannot be taken pass/fail. Offered jointly with the Divinity School as 4361.

Arabic AA/AB series, and Arabic BA, or equivalent.

HCOL: Foreign Lang Citation: Modern Standard Arabic

FAS: Meets Foreign Lang Req: Arabic

FAS Divisional Distribution: None

ARABIC BB (003)

Intermediate Arabic II

MTWR 0130 PM - 0245 PM

Muhammad Habib

Course ID: 127804

2026 Spring (4 Credits)

Instructor Permission Required

A continuation of Arabic BA. Textbook: Al-Kitaab, volume II, 3rd edition.

Course Note: Not open to auditors. Cannot be taken pass/fail. Offered jointly with the Divinity School as 4361.

Arabic AA/AB series, and Arabic BA, or equivalent.

FAS: Meets Foreign Lang Req: Arabic

HCOL: Foreign Lang Citation: Modern Standard Arabic

FAS Divisional Distribution: None

ARABIC 130A

Upper-Level Classical Arabic I

MW 0300 PM - 0415 PM

Shady Nasser

Course ID: 114034

2025 Fall (4 Credits)

Instructor Permission Required

Introduction to Classical Arabic grammar and styles, with readings from classical Islamic texts, with emphasis on Qur'an, hadith, sirā, and tafsir literature.

Course Note: Not open to auditors. Offered jointly with the Divinity School as 4353.

Arabic 131B.

FAS: Meets Foreign Lang Req: Arabic

HCOL: Foreign Lang Citation: Classical Arabic

FAS Divisional Distribution: Arts and Humanities

ARABIC 130B

Upper-Level Classical Arabic II

MW 1200 PM - 0115 PM

Shady Nasser

Course ID: 112096

2026 Spring (4 Credits)

Instructor Permission Required

Continuation of Arabic 130A. The primary goal of this course is to expand students' knowledge of classical Arabic grammar and style for reading purposes. By the end of the semester, you can expect to read classical texts with the effective use of references and resources. This course prepares students for classical Arabic seminars in NELC.

Course Note: Not open to auditors. Offered jointly with the Divinity School as 4354.

3 years of Modern Standard Arabic or ARABIC 130A

Note: All readings in Arabic;

HCOL: Foreign Lang Citation: Classical Arabic

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Arabic

ARABIC 131A

Course ID: 121346

Upper-Level Modern Arabic I

2025 Fall (4 Credits)

MTWR 1030 AM - 1145 AM

Instructor Permission Required

Amr Madi

Reading and discussion of selections from Arabic newspapers and journals on contemporary political, social, religious, and cultural issues in the Arab world. Emphasis on developing advanced reading and speaking skills, with some attention to writing and listening comprehension.

Course Note: Not open to auditors.

Arabic BB or equivalent.

FAS: Meets Foreign Lang Req: Arabic

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Modern Standard Arabic

ARABIC 131A (002)

Course ID: 121346

Upper-Level Modern Arabic I

2025 Fall (4 Credits)

MTWR 0130 PM - 0245 PM

Instructor Permission Required

Muhammad Habib

Reading and discussion of selections from Arabic newspapers and journals on contemporary political, social, religious, and cultural issues in the Arab world. Emphasis on developing advanced reading and speaking skills, with some attention to writing and listening comprehension.

Course Note: Not open to auditors.

Arabic BB or equivalent.

FAS: Meets Foreign Lang Req: Arabic

HCOL: Foreign Lang Citation: Modern Standard Arabic

FAS Divisional Distribution: Arts and Humanities

ARABIC 131B

Course ID: 120127

Upper-Level Modern Arabic II

2026 Spring (4 Credits)

MTWR 0900 AM - 1015 AM

Instructor Permission Required

Aya Khalaf Ahmed

A continuation of Arabic 131a or may be taken separately with permission of the instructor. Continued emphasis on advanced reading and speaking skills, and introduction to contemporary Arabic fiction, with emphasis on short stories and essays.

Course Note: Not open to auditors.

Arabic 131a or equivalent.

FAS: Meets Foreign Lang Req: Arabic

HCOL: Foreign Lang Citation: Modern Standard Arabic

ARABIC 131B (002)

Upper-Level Modern Arabic II

MTWR 0300 PM - 0415 PM

Muhammad Habib

Course ID: 120127
2026 Spring (4 Credits)

Instructor Permission Required

A continuation of Arabic 131a or may be taken separately with permission of the instructor. Continued emphasis on advanced reading and speaking skills, and introduction to contemporary Arabic fiction, with emphasis on short stories and essays.

Course Note: Not open to auditors.

Arabic 131a or equivalent.

FAS: Meets Foreign Lang Req: Arabic

HCOL: Foreign Lang Citation: Modern Standard Arabic

FAS Divisional Distribution: Arts and Humanities

ARABIC 150R

Arabic Literature from Pre-Islamic to the modern period

MW 1200 PM - 0115 PM

Shady Nasser

Course ID: 122191
2025 Fall (4 Credits)

This course will introduce students to the major writers, canonical works, and important literary movements of Arabic Literature from late antiquity up to the modern period. The course will be structured thematically with special focus on the historical context and cultural tradition within which literary works fit and resonated. The course will consider the development of various literary genres over time (poetry and qasida form, narratives, fiction, Belles-lettres, maqama, shadow plays and Drama, etc.). Selected works of literature will be read in translation, but students with Arabic can work with the original texts in a separate section. Texts will often be discussed vis-à-vis parallel themes in other works of literature whenever relevant (e.g. The Qur'anic and Biblical Joseph, Ma'arri's Epistle of Forgiveness and Dante's Divine Comedy, Ibn Battuta and Marco Polo's travelogues, etc.) with special attention to the influence of Western Literature on Modern Arabic poetry and prose. The course is open to both undergraduates and graduate students.

FAS Divisional Distribution: Arts and Humanities

ARABIC 241AR

Advanced Modern Arabic Bridge: Language, Literature, and Culture I

MW 1200 PM - 0200 PM

Nader Uthman

Course ID: 112869
2025 Fall (4 Credits)

Instructor Permission Required

This constitutes the final year of Modern Arabic track. Representative readings from contemporary literature and culture will form bases of discussions on major themes in contemporary Arab society.

Course Note: Conducted in Arabic. Not open to auditors.

3 years modern standard Arabic

FAS: Meets Foreign Lang Req: Arabic

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Modern Standard Arabic

ARABIC 241BR

Advanced Modern Arabic Bridge: Language, Literature, and Culture II

MW 0130 PM - 0245 PM

Nader Uthman

Course ID: 118412
2026 Spring (4 Credits)

Instructor Permission Required

A continuation of Arabic 241AR.

Course Note: Conducted in Arabic. Not open to auditors.

ARABIC 241AR

HCOL: Foreign Lang Citation: Modern Standard Arabic

FAS: Meets Foreign Lang Req: Arabic

FAS Divisional Distribution: Arts and Humanities

ARABIC 242AR

Advanced Topics in Arabic Language, Literature, and Culture I

TR 1200 PM - 0115 PM

Amr Madi

Course ID: 108971
2025 Fall (4 Credits)

Instructor Permission Required

Course introduces students to the short story from the late 19th to the early 21st century, which reflects politics & culture of Arab society.

Course Note: Course conducted solely in Arabic; all readings in Arabic.

The course is aimed at students who have successfully completed eight semesters of Arabic. Textual analyses, conversations, presentations and written assignments of various lengths will prepare students to discuss, orally and in writing various aspects of Arab culture and society on a stylistically sophisticated level. Texts vary according to interests of students.

FAS: Meets Foreign Lang Req: Arabic

FAS Divisional Distribution: Arts and Humanities

ARABIC 242BR

Advanced Topics in Arabic Language, Literature and Culture

TR 1030 AM - 1145 AM

Amr Madi

Course ID: 108970
2026 Spring (4 Credits)

Instructor Permission Required

This course introduces students to modern and contemporary Arabic prose from the early twentieth century to the present as a window on Arab thought, culture, society, and politics. The course aims to enable students to closely read and analyze Arabic writing ranging from shorter narratives to novels. All language skills form an essential part of this communicative course; course objectives include developing students' written and spoken discourse, as well as enriching their command of high-register vocabulary. Students will take part in determining course readings.

Course Note: Course conducted solely in Arabic; all readings in Arabic.

4 years of Modern Standard Arabic

May not be taken pass/fail

FAS: Meets Foreign Lang Req: Arabic

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Modern Standard Arabic

ARABIC 243AR

Advanced Readings in Classical Arabic Bridge I: Historical Sources

W 0300 PM - 0545 PM

Shady Nasser

Course ID: 109801
2026 Spring (4 Credits)

Reinforcement of advanced classical Arabic grammar and stylistics, and introduction to various genres of historical, geographical and biographical texts.

Two years of classical Arabic

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Classical Arabic

FAS: Meets Foreign Lang Req: Arabic

ARABIC 243BR

Introduction to the Rational Sciences

T 1200 PM - 0245 PM

Khaled El-Rouayheb

Reinforcement of advanced classical Arabic grammar and stylistics, and introduction to the genres of *usul*, *kalam*, *mantiq* and *falsafa*.

Three years of Arabic or equivalent level of proficiency.

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Arabic

Course ID: 109802

2025 Fall (4 Credits)

ARABIC 243CR

Advanced Readings in Classical Arabic Bridge III: Prose, Poetry, and Literary Sources

W 0300 PM - 0545 PM

Shady Nasser

Reinforcement of advanced classical Arabic grammar and stylistics, and introduction to various genres of poetry and prose (*adab*).

Four years of Arabic or equivalent level of proficiency.

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Arabic

Course ID: 109803

2026 Spring (4 Credits)

ARABIC 245R

Classical Arabic Seminar

W 0300 PM - 0545 PM

Shady Nasser

A survey of medieval Arabic writings on literary theory, from the early proponents of the *Qasida* form and *amud al-shi'r* to selected writings on *muḥdath* poetry. Works on both poetry and prose will be considered. Authors included: al-Jahiz, Ibn al-Mu'tazz, Ibn Qutayba, al-Marzuqi, al-Jurjānī, Hazim al-Qartajanni, etc. Topics include: *Qasida* form, eloquence (*fasaha* and *balagha*), poetics (*badi'*, *majaz* etc.) *Qur'an* and inimitability. Advanced knowledge of classical Arabic is required (AT LEAST Four years of formal training)

Advanced knowledge of classical Arabic is required (AT LEAST Four years of formal training)

HCOL: Foreign Lang Citation: Classical Arabic

FAS Divisional Distribution: Arts and Humanities

Course ID: 114291

2025 Fall (4 Credits)

ARABIC 251R

Classical Arabic Texts Seminar: An Introduction to Reading in Arabic Manuscripts

R 0300 PM - 0545 PM

Shady Nasser, Khaled El-Rouayheb

In this seminar, we introduce students to Arabic manuscripts by (i) giving them practice reading and comparing Arabic manuscripts belonging to different genres and written at different periods and regions, and (ii) reading a selection of secondary literature on medieval scholarly culture, textual criticism and paleography. Though primarily working with scanned manuscripts, we will integrate a visit to Houghton library to inspect physical manuscripts.

Three years of Arabic. Students are expected to be able to read 15-20 pages of classical Arabic per week.

FAS: Meets Foreign Lang Req: Arabic

FAS Divisional Distribution: Arts and Humanities

Course ID: 156121

2026 Spring (4 Credits)

ARABIC 300

Reading and Research in Arabic Language and Civilization

No meeting time listed

Nader Uthman

Course ID: 122472

2025 Fall (4 Credits)

Instructor Permission Required

Persian

PERSIAN AA

Elementary Persian I

MTWR 0900 AM - 1015 AM

Nader Uthman

Course ID: 123051
2025 Fall (4 Credits)

Instructor Permission Required

This course serves as an introduction to the Persian language and Persianate culture for students with no prior knowledge of Persian. We will learn to communicate primarily by speaking, listening, reading, and writing in both spoken and written Persian. We will learn the Persian alphabet while building conversational skills in elementary Persian. We will develop a strong foundation in Persian grammar as well as proficiency in Persianate culture. Persian will be the primary language of the class with limited use of English.

Course Note: Not open to auditors. Cannot be taken pass/fail.

FAS: Meets Foreign Lang Req: Persian

FAS Divisional Distribution: None

PERSIAN AB

Elementary Persian II

MTWR 0900 AM - 1015 AM

Nader Uthman

Course ID: 159991
2026 Spring (4 Credits)

This course continues Persian AA (Elementary Persian I) and is designed to further develop students' elementary-level Persian language proficiency and improve their listening, speaking, reading, and writing skills. We will communicate primarily by speaking, listening, reading, and writing in both written and spoken Persian. We will use modern Persian poetry and pop music songs to enhance our comprehension.

Course Note: Not open to auditors. Cannot be taken pass/fail. .

PERSIAN AA

FAS: Meets Foreign Lang Req: Persian

FAS Divisional Distribution: None

PERSIAN BA

Intermediate Persian I

MTWR 1030 AM - 1145 AM

Nader Uthman

Course ID: 111324
2025 Fall (4 Credits)

Instructor Permission Required

In this course, students will develop intermediate-level competence in spoken and written Persian language. Emphasis is on reading, speaking, and writing, as well as cultural and historical knowledge of the Persian-speaking world. We will work with modern Persianate culture, such as poetry and pop music, as well as selections of classical Persian poetry and prose. Knowledge of the grammatical structures taught in the first two semesters is assumed; we will build on these and work toward proficiency in intermediate-level grammar and language functions. Persian will be the primary language of the class with very limited use of English. The prerequisite for this course is Persian AB (Elementary Persian II).

Course Note: Not open to auditors. Cannot be taken pass/fail.

Persian AA/AB sequence, or the equivalent.

HCOL: Foreign Lang Citation: Persian

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Persian

PERSIAN BB

Intermediate Persian II

MTWR 1200 PM - 0115 PM

Nader Uthman

Course ID: 113367
2026 Spring (4 Credits)

In this course, students will continue to develop intermediate-level competence in spoken and written Persian. Emphasis is on reading comprehension, grammar, and writing, as well as cultural and historical knowledge. Through pop songs, modern Persian poetry, short stories, and Iranian movies, students will continue to develop their proficiency in intermediate-level Persian. Persian will be the primary language of the class.

Course Note: Not open to auditors. Cannot be taken pass/fail.

PERSIAN BA

HCOL: Foreign Lang Citation: Persian

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Persian

PERSIAN 131R

Classical Persian Bridge

Course ID: 111773

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Nader Uthman

Students learn the details of Classical Persian grammar, lexicography, and prosody, and work with modern Persian academic commentaries on classical works. Students gain the reading fluency necessary for research in Classical Persian prose, and a foundational understanding of the major poetic forms, while also being working with manuscripts and learning how to read nastaliqscript. Classical Persian grammar and translation are taught in English, there is also a conversation section in which students refine their skills in discussing classical Persian texts in Modern Persian.

Course Note: Not open to auditors. Cannot be taken pass/fail.

Advanced Persian I or instructor consent

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Persian

PERSIAN 132R

Advanced Classical Persian

Course ID: 123044

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Himmet Taskomur

Introduces students to styles and genres of Classic Persian literary heritage, including a systematic review of classical grammar. Readings include historiographical, geographical and biographical texts, as well as readings from "Adab" (Belles-Lettres) literature.

Course Note: Not open to auditors. Cannot be taken pass/fail.

Persian 120b or equivalent.

HCOL: Foreign Lang Citation: Persian

PERSIAN 300

Persian Language and Literature

Course ID: 120105

2026 Spring (4 Credits)

No meeting time listed

Nader Uthman

FAS Divisional Distribution: None

Near Eastern Civilizations

NEC 91R

Supervised Reading and Research

No meeting time listed

Course ID: 110258
2026 Spring (4 Credits)

Tutorial supervision of research in subjects not treated in regular courses.

FAS Divisional Distribution: Arts and Humanities

NEC 91R

Supervised Reading and Research

No meeting time listed

Course ID: 110258
2025 Fall (4 Credits)

Instructor Permission Required

Tutorial supervision of research in subjects not treated in regular courses.

FAS Divisional Distribution: Arts and Humanities

NEC 91R (002)

Supervised Reading and Research

No meeting time listed

Nader Uthman

Course ID: 110258
2025 Fall (4 Credits)

Instructor Permission Required

Tutorial supervision of research in subjects not treated in regular courses.

FAS Divisional Distribution: Arts and Humanities

NEC 91R (003)

Supervised Reading and Research

No meeting time listed

Course ID: 110258
2026 Spring (4 Credits)

Instructor Permission Required

Tutorial supervision of research in subjects not treated in regular courses.

FAS Divisional Distribution: Arts and Humanities

NEC 91R (003)

Supervised Reading and Research

No meeting time listed

Christina Maranci

Course ID: 110258
2025 Fall (4 Credits)

Instructor Permission Required

Tutorial supervision of research in subjects not treated in regular courses.

FAS Divisional Distribution: Arts and Humanities

NEC 91R (004)

Supervised Reading and Research

No meeting time listed

Peter Manuelian

Course ID: 110258
2026 Spring (4 Credits)

Instructor Permission Required

Tutorial supervision of research in subjects not treated in regular courses.

FAS Divisional Distribution: Arts and Humanities

NEC 91R (004)

Supervised Reading and Research

No meeting time listed

Peter Manuelian

Course ID: 110258
2025 Fall (4 Credits)

Instructor Permission Required

Tutorial supervision of research in subjects not treated in regular courses.

FAS Divisional Distribution: Arts and Humanities

NEC 98A

Tutorial - Junior Year

No meeting time listed

Andrew Danielson

Course ID: 111799
2025 Fall (2 Credits)

Instructor Permission Required

All NELC concentrators enroll in NEC 98A and B in the same academic year. Students should enroll in NEC 98A portion in the Fall and attend the class meetings during the fall semester. Should the need arise to finish the thesis in the spring, students will be enrolled automatically in NEC 98B. The tutorial can be completed by submitting the Junior Thesis either in the Fall or in the Spring. There are no class meetings during the spring.

Course Note: Designed for juniors concentrating in Near Eastern Languages and Civilizations. Taught by members of the Department.

Full Year Course: Indivisible Course

FAS Divisional Distribution: None

NEC 98B

Tutorial - Junior Year

No meeting time listed

Andrew Danielson

Course ID: 131539
2026 Spring (2 Credits)

All NELC concentrators enroll in NEC 98A and B in the same academic year. Students should enroll in NEC 98A portion in the Fall and attend the class meetings during the fall semester. Should the need arise to finish the thesis in the spring, students will be enrolled automatically in NEC 98B. The tutorial can be completed by submitting the Junior Thesis either in the Fall or in the Spring. There are no class meetings during the spring.

Course Note: Designed for juniors concentrating in Near Eastern Languages and Civilizations. Taught by members of the Department.

Requires: Pre-requisite: NEC 98A

FAS Divisional Distribution: Arts and Humanities

Full Year Course: Indivisible Course

NEC 98X

Tutorial Junior Year

No meeting time listed

Andrew Danielson

Course ID: 222039
2025 Fall (4 Credits)

Instructor Permission Required

NELC concentrators must enroll in either one semester (Fall or Spring) of NEC 98 or the year-long course NEC 98A/B, but cannot take both. The project or assignment for this tutorial must be completed within the semester the student is enrolled.

Requires: Anti-Req: may not be taken for credit if NEC 98A or NEC 98B

FAS Divisional Distribution: Arts and Humanities

NEC 98X

Course ID: 222039
2026 Spring (4 Credits)

Tutorial Junior Year

No meeting time listed

Instructor Permission Required

Andrew Danielson

NELC concentrators must enroll in either one semester (Fall or Spring) of NEC 98 or the year-long course NEC 98A/B, but cannot take both. The project or assignment for this tutorial must be completed within the semester the student is enrolled.

Requires: Anti-Req: may not be taken for credit if NEC 98A or NEC 98B

FAS Divisional Distribution: Arts and Humanities

NEC 99A

Course ID: 118983
2025 Fall (4 Credits)

Tutorial - Senior Year

No meeting time listed

Instructor Permission Required

Andrew Danielson

First part of a two part series. Students must complete both terms of this course (99A and 99B) within the same academic year in order to receive credit.

Course Note: Designed for seniors concentrating in Near Eastern Languages and Civilizations. Joint concentrators should enroll as advised by the NELC Director of Undergraduate Studies. Taught by members of the Department.

Full Year Course: Indivisible Course

FAS Divisional Distribution: None

NEC 99B

Course ID: 159992
2026 Spring (4 Credits)

Tutorial - Senior Year

No meeting time listed

Andrew Danielson

Second part of a two part series. Students must complete both terms of this course (parts 99A and 99B) within the same academic year in order to receive credit.

Course Note: Designed for seniors concentrating in Near Eastern Languages and Civilizations. Joint concentrators should enroll as advised by the NELC Director of Undergraduate Studies. Taught by members of the Department.

Requires: Pre-requisite: NEC 99A

Full Year Course: Indivisible Course

FAS Divisional Distribution: Arts and Humanities

NEC 101

Course ID: 110914
2026 Spring (4 Credits)

Historical Background to the Contemporary Middle East: Religion, Literature and Politics

TR 1200 PM - 0115 PM

Andrew Danielson

What defines the Middle East? What long-term historical and cultural developments can we trace in the region? How do these affect contemporary global order and policy? This team-taught course in the NELC department will address these three fundamental questions of great present relevance by introducing students to the ancient and modern peoples, languages, cultures, and societies of Western Asia and North Africa. The study of this diverse region is uniquely aided by a deep-time perspective afforded by thousands of years of vibrant art, writing and cultural artefacts. Relying on the classic expertise integral to area studies, the course brings together faculty from a variety of disciplines – from history and archaeology to literature and philology, and from sociology and economy to the political sciences – in a common endeavour to explore the rich cultural complex of the region through four key topics: history, religion, literature and politics.

Course Note: Formerly NEC 97r, this course satisfies the NELC Sophomore Tutorial requirements.

FAS Divisional Distribution: Arts and Humanities

NEC 299A

NELC Doctoral Colloquium: Research, Resources and Pedagogy

M 0600 PM - 0715 PM

Khaled El-Rouayheb

Course ID: 203473
2025 Fall (2 Credits)

Instructor Permission Required

This practical colloquium addresses major issues of research and teaching competence. Designed to introduce G-1 students to the Ph.D. requirements, to methodological issues and examples of ongoing scholarship in NELC, it further offers opportunity for reflection on the art of teaching (leading discussion sections, designing syllabi, giving lectures, etc.). Questions covered will include: How to choose coursework? How to prepare for qualifying and general exams? What are the challenges of language training? How does one prepare and write a prospectus? How to use the library resources most efficiently? What type of investment does recourse to digital and quantitative methodology require? How best to prepare for professional life after the Ph.D., both inside and outside of academia? In addition, NELC faculty will informally present their respective fields (main issues and methods), in broad strokes through their current research, and advanced Ph.D. students will present their prospectus for discussion and feedback before submitting it to the faculty.

FAS Divisional Distribution: None

NEC 299B

NELC Doctoral Colloquium: Research, Resources and Pedagogy

M 0600 PM - 0715 PM

Khaled El-Rouayheb

Course ID: 204053
2026 Spring (2 Credits)

Instructor Permission Required

This course consists of a series of workshops in which NELC doctoral students in their G3-year will develop a strong foundation of skills to prepare them for their first teaching at Harvard and to enhance the effectiveness of their teaching in the long term. Each session will inculcate best practices for major Teaching Fellow roles and introduce key topics in pedagogy, such as teaching languages (ancient and modern), communicating with students, and grading and providing feedback on student work. In addition, a few sessions throughout the semester will be devoted to workshopping the dissertation prospectuses of NELC PhD students prior to their presentations to the faculty; these sessions afford a chance to share feedback and to learn about the research of other NELC doctoral students.

FAS Divisional Distribution: None

NEC 300

Direction of Master's Thesis

No meeting time listed

Khaled El-Rouayheb

Course ID: 112840
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

NEC 300

Direction of Master's Thesis

No meeting time listed

Course ID: 112840
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

NEC 360

Course-Related Work

No meeting time listed

Khaled El-Rouayheb

Course ID: 211198
2025 Fall (2 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

NEC 360	Course ID: 211198
Course-Related Work	2026 Spring (2 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Khaled El-Rouayheb</i>	

FAS Divisional Distribution: None

NEC 370	Course ID: 211199
Teaching	2025 Fall (2 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Khaled El-Rouayheb</i>	

FAS Divisional Distribution: None

NEC 370	Course ID: 211199
Teaching	2026 Spring (2 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Khaled El-Rouayheb</i>	

FAS Divisional Distribution: None

NEC 380	Course ID: 211200
Research	2025 Fall (2 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Khaled El-Rouayheb</i>	

FAS Divisional Distribution: None

NEC 380	Course ID: 211200
Research	2026 Spring (2 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Khaled El-Rouayheb</i>	

FAS Divisional Distribution: None

Modern Middle East

MODMDEST 91R

Supervised Reading and Research

No meeting time listed

Course ID: 108446
2025 Fall (4 Credits)

Instructor Permission Required

Tutorial supervision of research in subjects not treated in regular courses.

FAS Divisional Distribution: Arts and Humanities

MODMDEST 91R

Supervised Reading and Research

No meeting time listed

Course ID: 108446
2026 Spring (4 Credits)

Instructor Permission Required

Tutorial supervision of research in subjects not treated in regular courses.

FAS Divisional Distribution: Arts and Humanities

MODMDEST 112

Syria – A History, 1900-2025

M 0345 PM - 0545 PM

Adam Mestyan

Course ID: 226562
2025 Fall (4 Credits)

Instructor Permission Required

This seminar focuses on the history of the State of Syria over the last hundred years. We will survey the economic, legal, political, environmental, and cultural history of this polity from the late Ottoman Empire to the present day. The main objective is to highlight the regional consequences of imperial partition and state-making under European administrative control, the creation of Israel, the Syrian occupation of Lebanon, and post-1989 American hegemony. In addition to state-centered histories, we will also explore the social history of the regional and global Syrian diaspora, the French and Arab imperial projects of the twentieth century, the question of whether "decolonization" is an appropriate term for describing independent polities, and the role of religion in the Baathist regime. We will conclude with a discussion of recent developments, including the fall of Asad in December 2024.

MODMDEST 212

Syria – A History, 1900-2025

M 0345 PM - 0545 PM

Adam Mestyan

Course ID: 226588
2025 Fall (4 Credits)

Instructor Permission Required

This seminar focuses on the history of the State of Syria over the last hundred years. We will survey the economic, legal, political, environmental, and cultural history of this polity from the late Ottoman Empire to the present day. The main objective is to highlight the regional consequences of imperial partition and state-making under European administrative control, the creation of Israel, the Syrian occupation of Lebanon, and post-1989 American hegemony. In addition to state-centered histories, we will also explore the social history of the regional and global Syrian diaspora, the French and Arab imperial projects of the twentieth century, the question of whether "decolonization" is an appropriate term for describing independent polities, and the role of religion in the Baathist regime. We will conclude with a discussion of recent developments, including the fall of Asad in December 2024.

MODMDEST 310

Reading and Research in the Modern Middle East

No meeting time listed

Course ID: 159948
2025 Fall (4 Credits)

Instructor Permission Required

Classical Hebrew

CLAS-HEB AA

Elementary Classical Hebrew I

MWF 1030 AM - 1145 AM

Vladimir Olivero

This course offers a thorough and rigorous introduction to Classical Hebrew grammar. In this first semester, students will learn the Hebrew script and the basics of Hebrew morphology. This will allow students to begin reading and translating biblical prose in the second semester. By the end of the year, students who have taken both semesters will have covered all the basics of nominal and verbal morphology and will know the foundations of Classical Hebrew syntax. Daily preparation and active class participation mandatory. Course to be taught by Dr. Vladimir Olivero.

Course Note: Offered jointly with the Divinity School as 4010A.

FAS: Meets Foreign Lang Req: Hebrew

FAS Divisional Distribution: None

CLAS-HEB AB

Elementary Classical Hebrew II

MWF 1030 AM - 1145 AM

Vladimir Olivero

Continuation of Classical Hebrew AA. A thorough and rigorous introduction to Biblical Hebrew, with emphasis on grammar in the first term, and translation of biblical prose in the second. Daily preparation and active class participation mandatory.

Course Note: Offered jointly with the Divinity School as 4010B.

Requires: Pre-requisite: CLAS-HEB AA

FAS: Meets Foreign Lang Req: Hebrew

FAS Divisional Distribution: None

CLAS-HEB 120A

Intermediate Classical Hebrew I

MWF 0900 AM - 1015 AM

Vladimir Olivero

The goal of this course is to help students develop fluency and confidence in reading texts from the Hebrew Bible in Hebrew. To this end, the bulk of the course will consist of close readings of select narrative passages from the Bible, with a focus on understanding and analyzing their vocabulary, morphology, and syntax. Students will also systematically review the most common vocabulary found in the Hebrew Bible as a whole as well as the grammar covered in first-year Hebrew, besides being introduced to more advanced aspects of syntax and to a more nuanced approach to the Masoretic text. Prerequisite: Introductory Classical Hebrew I and II (CLAS-HEB AA+AB = HDS 4010 A+B) or the equivalent. Daily preparation and active class participation mandatory. Course to be taught by Dr. Vladimir Olivero.

Course Note: Offered jointly with the Divinity School as 4020.

Classical Hebrew AA/AB sequence or equivalent.

FAS: Meets Foreign Lang Req: Hebrew

HCOL: Foreign Lang Citation: Classical Hebrew

FAS Divisional Distribution: None

CLAS-HEB 120B

Intermediate Classical Hebrew II

MWF 0900 AM - 1015 AM

Vladimir Olivero

Course ID: 123023
2025 Fall (4 Credits)

Course ID: 159881
2026 Spring (4 Credits)

Course ID: 116431
2025 Fall (4 Credits)

Course ID: 123873
2026 Spring (4 Credits)

This course is centered on the close reading of select poetic texts from Isaiah, Proverbs, and Psalms in Hebrew, with a focus on deepening one's knowledge of morphology and syntax, broadening one's vocabulary base, and understanding how Hebrew poetry works.

Course Note: Offered jointly with the Divinity School as 4021.

Classical Hebrew 120a or equivalent.

FAS: Meets Foreign Lang Req: Hebrew

HCOL: Foreign Lang Citation: Classical Hebrew

FAS Divisional Distribution: None

CLAS-HEB 130AR

Course ID: 122692
2025 Fall (4 Credits)

Rapid Reading Classical Hebrew I: Pentateuch

R 1200 PM - 0159 PM

Vladimir Olivero

This course is designed to help students increase their reading fluency with Classical Hebrew (in the Tiberian tradition), deepen their knowledge of Hebrew morphosyntax, and expand their Hebrew vocabulary by covering large areas of biblical Hebrew narrative from the Pentateuch (selections from Genesis through Deuteronomy). In the process, students will be exposed to Hebrew prose materials that are key to understanding the history of ancient Israel and Judah and the formation of the Hebrew Bible. Prerequisites: Classical Hebrew AA/AB sequence, CH 120a, and 120b, or equivalent to two years of academic study of Classical Hebrew.

Course Note: Offered jointly with the Divinity School as 1625.

Classical Hebrew AA/AB sequence, CH 120a, and 120b, or equivalent.

FAS: Meets Foreign Lang Req: Hebrew

HCOL: Foreign Lang Citation: Classical Hebrew

FAS Divisional Distribution: Arts and Humanities

CLAS-HEB 130BR

Course ID: 122693
2026 Spring (4 Credits)

Rapid Reading Classical Hebrew II

R 1200 PM - 0159 PM

Vladimir Olivero

This course is designed to help students increase reading fluency and speed in Classical Hebrew poetry. To this end, the course will consist of a close reading of the Book of the Twelve (Hosea–Malachi), paying particular attention to the areas of phonology, morphology, and syntax. Given its internal linguistic diversity, the Book of the Twelve offers the unique advantage of exposing students to the diachronic (e.g., Standard vs. Late Biblical Hebrew) and stylistic dimensions of Biblical Hebrew. Depending on individual student interests, the course will also provide opportunities to explore historical linguistics, compositional poetics, textual criticism, and the Tiberian reading tradition. Prerequisites: Classical Hebrew AA/AB sequence, CH 120a, and 120b, or equivalent.

Classical Hebrew 130a or equivalent. Offered jointly with the Divinity School as 1626.

FAS: Meets Foreign Lang Req: Hebrew

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Classical Hebrew

CLAS-HEB 138

Course ID: 139399
2025 Fall (4 Credits)

What is Biblical Hebrew?

W 0300 PM - 0545 PM

Vladimir Olivero

Biblical Hebrew is taught and often studied as a monolithic entity, despite the widespread recognition that behind this label lies a more complex reality. The goal of this course is twofold: first, to familiarize the students with the variety of attested reading traditions and, second, to introduce them to the periodization of Biblical Hebrew. In each case we will read portions of texts to better grasp the main linguistic differences between reading traditions and between chronolects, and to understand the interpretative implications of such differences. We will begin with a detailed and advanced study of the Tiberian reading tradition, whose basic features the students already know. We will then explore the less known, yet prestigious, Babylonian reading tradition, which we will compare

to the more familiar Tiberian one. Finally, the students will be introduced to the so-called popular reading traditions, that is the Palestinian reading tradition and the transliterations of portions of texts and words of the Hebrew Bible into Greek (e.g., Origen's *Secunda* and those found in the Septuagint) and into Latin (e.g., Jerome). To conclude our study of reading traditions, we will study the Samaritan reading tradition and read portions of the Samaritan Pentateuch. With regards to periodization and linguistic diachrony, the students will be introduced to the distinctive features (mostly syntactic and semantic) of the three main chronolects of Biblical Hebrew and their respective textual corpora: Classical Biblical Hebrew (pre-exilic); Transitional Biblical Hebrew (exilic); Late Biblical Hebrew (post-exilic). Epigraphic Hebrew and textual criticism will help illustrate how chronolects can be further assessed.

Classical Hebrew

FAS: Meets Foreign Lang Req: Hebrew

FAS Divisional Distribution: Arts and Humanities

YIDDISH AA

Course ID: 114058
2025 Fall (4 Credits)

Elementary Yiddish I

MTWR 1030 AM - 1145 AM

Sara Feldman

Introduction to Yiddish language, literature, and culture. In the course of the year, students will acquire a thorough grounding in Yiddish grammar and will develop strong foundational reading, writing, speaking, and comprehension skills. The course will introduce students to the 1000-year history of Yiddish culture in Eastern Europe, the United States, and around the world. Students will learn about the past and present of this culture through exposure to Yiddish literature, music, theater, film, radio, oral history, and the Yiddish internet—an introduction to the dynamic world of Yiddish culture and scholarship that exists today.

Course Note: Final class time will be determined according to enrolled students' availability. Contact instructor if you have a scheduling conflict.

No prerequisites; knowledge of Yiddish not assumed.

FAS: Meets Foreign Lang Req: Yiddish

FAS Divisional Distribution: None

YIDDISH AB

Course ID: 159871
2026 Spring (4 Credits)

Elementary Yiddish II

No meeting time listed

Sara Feldman

Continuation of Yiddish AA. Introduction to Yiddish language, literature, and culture. In the course of the year, students will acquire a thorough grounding in Yiddish grammar and will develop strong foundational reading, writing, speaking, and comprehension skills. The course will introduce students to the 1000-year history of Yiddish culture in Eastern Europe, the United States, and around the world. Students will learn about the past and present of this culture through exposure to Yiddish literature, music, theater, film, radio, oral history, and the Yiddish internet—an introduction to the dynamic world of Yiddish culture and scholarship that exists today.

Course Note: Final class time will be determined according to enrolled students' availability. Contact instructor if you have a scheduling conflict.

YIDDISH AA

FAS: Meets Foreign Lang Req: Yiddish

FAS Divisional Distribution: None

YIDDISH BA

Course ID: 119874
2025 Fall (4 Credits)

Intermediate Yiddish I

No meeting time listed

Sara Feldman

Building on the skills gained in Yiddish AA/AB, students will further develop their Yiddish reading, writing, speaking, and oral comprehension skills. Focus will be on working with a wide variety of textual and cultural materials spanning the Yiddish-speaking world in the modern era. Course materials include selections from Yiddish fiction, poetry, drama, film, music, the press, and historical documents. Students will become familiar with the language's dialects, writing conventions, and historical development. Course activities will introduce students to the latest developments in online Yiddish publishing and digital humanities scholarship.

Course Note: Final class time will be determined according to enrolled students' availability. Contact instructor if you have a scheduling conflict.

Yiddish AA/AB sequence, or equivalent.

HCOL: Foreign Lang Citation: Yiddish

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Yiddish

YIDDISH BB

Intermediate Yiddish II

No meeting time listed

Sara Feldman

Continuation of Yiddish BA. Students will further develop their Yiddish reading, writing, speaking, and oral comprehension skills. Focus will be on working with a wide variety of textual and cultural materials spanning the Yiddish-speaking world in the modern era. Course materials include selections from Yiddish fiction, poetry, drama, film, music, the press, and historical documents. Students will become familiar with the language's dialects, writing conventions, and historical development. Course activities will introduce students to the latest developments in online Yiddish publishing and digital humanities scholarship.

Yiddish Ba or permission of the instructor.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Yiddish

HCOL: Foreign Lang Citation: Yiddish

Course ID: 119875
2026 Spring (4 Credits)

YIDDISH CA

Advanced Yiddish I

No meeting time listed

Sara Feldman

Building on the skills gained in Yiddish BA/BB, the emphasis of this course is on gaining ease in reading, speaking, writing, and listening comprehension. Students will be guided in exploring their individual areas of interest in Yiddish culture, and will be encouraged to begin producing their own research, creative projects, and translations; taking part in the latest developments in online Yiddish publishing and digital humanities scholarship. Continued exposure to a wide variety of textual and cultural materials, including literature, journalism, folklore, music, film, and theater; with a special focus on the diversity of Yiddish in terms of dialects, vocabulary, historical development, and writing conventions. Ample use of audiovisual and digital materials.

Course Note: This course meets for 4 hours per week. Please contact the instructor for scheduling and placement.

Yiddish BB or permission of the instructor.

FAS: Meets Foreign Lang Req: Yiddish

HCOL: Foreign Lang Citation: Yiddish

FAS Divisional Distribution: Arts and Humanities

Course ID: 123432
2025 Fall (4 Credits)

YIDDISH 112

Yiddish Literature and Culture in America

W 1245 PM - 0245 PM

Justin Cammy

Explores the diversity of Yiddish literary culture in the Americas, from immigrant narratives to avant-garde experimentation, from the ways Yiddish translated and interpreted America to a consideration of the Yiddish trace in more recent texts. Explores such themes as encounters with new American landscapes; race and racialization; the creative deployment of folk-types such as the shlemiel and otherworldly dybbuks; literary modernism and proletarian writing; humor and ethnic performance; and construction of imagined Yiddishlands. Ideal for students looking to enhance their understanding of American literature through a multilingual lens. Includes a curated visit to the Yiddish Book Center in Western Massachusetts. Students interested in English and American literature, Comparative Literature, and American history are especially encouraged, though no prior knowledge is expected. All readings in translation. To be taught by Dr. Justin Cammy.

FAS Divisional Distribution: Arts and Humanities

Course ID: 226352
2025 Fall (4 Credits)

YIDDISH 300

Yiddish Language and Literature

No meeting time listed

Course ID: 122512
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

Albanian Language

ALBANIAN AA

Elementary Modern Albanian I

TR 0300 PM - 0415 PM

Nader Uthman

Emphasis on all aspects of Albanian grammar toward developing a solid foundation for speaking, listening, reading, writing, and vocabulary skills. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Albanian

Course ID: 220291

2025 Fall (4 Credits)

ALBANIAN AB

Elementary Modern Albanian II

TR 0300 PM - 0415 PM

Nader Uthman

Emphasis on all aspects of Albanian grammar toward developing a solid foundation for speaking, listening, reading, writing, and vocabulary skills. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

FAS: Meets Foreign Lang Req: Albanian

FAS Divisional Distribution: None

Course ID: 220294

2026 Spring (4 Credits)

Jewish Studies

JEWISHST 91R

Supervised Reading and Research

No meeting time listed

David Stern

Course ID: 211397

2025 Fall (2 Credits)

Instructor Permission Required

Tutorial supervision of research in subjects not treated in regular courses.

FAS Divisional Distribution: None

JEWISHST 91R

Supervised Reading and Research

No meeting time listed

David Stern

Course ID: 211397

2026 Spring (2 Credits)

Instructor Permission Required

Tutorial supervision of research in subjects not treated in regular courses.

FAS Divisional Distribution: None

JEWISHST 131

The Jewish Library: Four Jewish Classics

M 1200 PM - 0245 PM

David Stern

Course ID: 214616

2025 Fall (4 Credits)

Judaism is a famously text-centric religious culture, founded not only on a single book, the Hebrew Bible, but profoundly involved in the study and ritual use of other classic texts like the Babylonian Talmud, the Prayerbook, Biblical commentaries like that of Rashi, and the Passover Haggadah. This course will study the development of these four books and their transformation from texts into books with distinct physical and material features. In the case of each book, the text will be studied historically-- "excavated" for its sources and roots, and its subsequent development over the centuries—and holistically, as a canonical document in Jewish tradition. Class time will be devoted primarily to learning to read the primary sources in translation; supplementary secondary readings will provide historical and cultural context. The seminar will also include regular visits to Houghton Library to look at manuscripts, early printed editions, and facsimiles of these books in order to study the changing shapes these books have taken as a key to understanding how they were studied and used, and to consider the relationship of materiality to textuality. While each book will raise its own set of issues, we will repeatedly deal with three basic questions: What makes a "Jewish" text? How do these books represent different aspects of Jewish identity? What can these books tell us about the canonical books of other religious traditions? No previous background in either Judaism or Jewish history is required. All readings in English translation. While this course is not a formal introduction to Judaism, it does aim to introduce students to Judaism and Jewish culture from inside its classic texts.

FAS Divisional Distribution: Arts and Humanities

JEWISHST 149

Topics in the Dead Sea Scrolls: Exegesis at Qumran

T 0300 PM - 0500 PM

Andrew Teeter

Course ID: 126339

2026 Spring (4 Credits)

This course explores the diverse functions of scripture within the literature of the Dead Sea Scrolls, focusing in particular on the forms and methods of interpretation attested, considered in light of other varieties of interpretation in early Judaism. Sessions will be devoted to reading, translation and discussion of primary sources in Hebrew, as well as to discussion of relevant secondary literature.

Course Note: Offered jointly with the Divinity School as 1309.

Two years of Biblical Hebrew strongly recommended.

JEWISHST 163

Theories of Antisemitism

M 1245 PM - 0245 PM

Jay Harris

Course ID: 226244

2025 Fall (4 Credits)

Instructor Permission Required

This seminar examines competing theories regarding the origins and persistence of hatred directed at Jews. What are the factors that lead to its emergence? Its turn to violence? How does this form of bigotry relate, if at all, to other such forms?

FAS Divisional Distribution: Arts and Humanities

JEWISHST 164

Jews in the Americas

MW 1030 AM - 1145 AM

Susannah Heschel

Course ID: 226605

2025 Fall (4 Credits)

In less than a century, the United States became the site of the largest migration in Jewish history. Jews came for various reasons, mostly with eagerness to leave where they were living, and they came to a country which had mythic importance to them. How did Jews come to imagine America as the "promised land" for Jews? This course is defining America as the hemisphere – Jews in North, Central and South America – with attention to landmark events, ideas, controversies, religious innovations, and institutions that emerged from the 17th century to the present.

JEWISHST 209

What We Owe to Others: The Ethics of Obligation in Jewish Law

M 0345 PM - 0545 PM

Course ID: 226581

2026 Spring (4 Credits)

Instructor Permission Required

The seminar will explore obligations to others in Jewish Law such as charity, saving life and different domains of care for others. We will examine biblical, Talmudic and later materials in Jewish Law that deal with the following questions: how is the category of the poor defined; how does the Talmud define needs and deprivation; and what is the hierarchy of needs? How does Jewish law deal with the risk of humiliation which is inherent in the act of accepting help? Responsibility and care for others and the limits of sacrificing for others? Do we give what is ours, or does the obligation of giving assume limitations on ownership? The seminar will examine communal obligations to others as well, such as taxation and organized distribution in the Talmud and Responsa literature. The examination of these questions will be conducted from a comparative perspective, which explores approaches to these problems in ethics, political theory and law. The analysis of these diverse seminar themes will be conducted through close readings, mainly of Talmudic discussions. Course materials, including all the relevant sections from the Talmud and later commentaries and codes, will be distributed during the first meeting of the seminar. No prior knowledge of Hebrew or Aramaic is necessary, and English translations of the original materials will be provided

Course Note: Jointly offered with HLS 3381

JEWISHST 212

Maimonides on Religion, Philosophy and Law

T 0345 PM - 0545 PM

Course ID: 226553

2026 Spring (4 Credits)

Instructor Permission Required

The seminar will explore Maimonides' comprehensive reinterpretation of the Jewish tradition in light of his philosophical commitments and religious sensibilities. The diverse topics will be studied through close readings from Maimonides major works - "Guide of the Perplexed", his code "Mishne Torah", and the "Commentary on the Mishnah". Special attention will be devoted to the examination of Maimonides' outlook in relation to alternative positions that emerged from the encounter of religion and philosophy within Islamic medieval thought and other Jewish thinkers such as Sa'adya Gaon and Yehuda Ha-Levi.

Course Note: Jointly offered with HLS 3380

JEWISHST 300

Reading and Research in Jewish Studies

No meeting time listed

David Stern

Course ID: 110821

2025 Fall (4 Credits)

Instructor Permission Required

JEWISHST 300

Reading and Research in Jewish Studies

No meeting time listed

David Stern

Course ID: 110821

2026 Spring (4 Credits)

Instructor Permission Required

Sumerian

SUMERIAN AA

Course ID: 115449
2025 Fall (4 Credits)

Introductory Sumerian I

TR 1030 AM - 1145 AM

Anna Glenn

The course provides an introduction to the Sumerian language, a language isolate spoken in ancient Mesopotamia and probably the world's first written language. Although several aspects of Sumerian remain debatable, students learn the fundamentals of the grammar and writing system as well as the most common cuneiform signs in a variety of lapidary and cursive contexts. Many of the texts that are covered are a variety of dedicatory inscriptions from the time of Gudea (ca. mid-twenty-second century BCE) and the subsequent Ur III dynasty (ca. twenty-first century BCE), but other genres and time periods are sampled as well. This study of the Sumerian language also includes some background on the culture and history of the Sumerians. Course to be taught by Dr. Anna Glenn.

FAS: Meets Foreign Lang Req: Sumerian

FAS Divisional Distribution: None

SUMERIAN AB

Course ID: 159864
2026 Spring (4 Credits)

Introductory Sumerian II

TR 0900 AM - 1015 AM

Anna Glenn

Students are further familiarized with a variety of genres, including economic texts, incantations, legal texts, letters, and literary works. This familiarization with more difficult texts highlights many of the debatable and challenging features about Sumerian while also providing important insights into the history and culture of the Sumerians. Students also strengthen their familiarity with the cuneiform system, enabling further study in Sumerian as well as in Akkadian and other cuneiform-based languages.

Requires: Pre-requisite: SUMERIAN AA

FAS: Meets Foreign Lang Req: Sumerian

FAS Divisional Distribution: None

SUMERIAN 130R

Course ID: 226207
2025 Fall (4 Credits)

Sumerian City Laments (Advanced Sumerian)

M 1200 PM - 0245 PM

Anna Glenn

In this advanced Sumerian reading course, we will read a selection from the Sumerian City Laments. Course objectives include: introducing the genre of city laments; extending reading ability in the Sumerian language and the cuneiform writing system; and developing specific Assyriological skills such as reading cuneiform from photographs, making score transliterations, and working with unpublished material.

Introductory Sumerian (SUMERIAN AA) or equivalent

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Sumerian

SUMERIAN 143

Course ID: 225849
2026 Spring (4 Credits)

The Materiality of Writing in the Ancient World: Sumerian, Cuneiform, and Beyond

W 0900 AM - 1145 AM

Anna Glenn

Cuneiform, the world's earliest writing system, was invented over 5,000 years ago in Mesopotamia (ancient Iraq). It was originally used to write the Sumerian language, a language that continued to be written for over 3 millennia and produced a corpus of well over 100,000 preserved texts. The act of writing—a means of externalizing and

visually representing language—has an inherent materiality to it, one that was new and innovative in the ancient world. In this class, we will explore the relationship between the Sumerian language and the materiality of its writing. Topics will include: How did the cuneiform script develop from visual depictions of material objects to abstract, polysemous signs? How were clay tablets made? How were they prepared for writing? What was the process of inscribing Sumerian on other materials? How did formatting of the tablet develop to provide additional information beyond the text itself? How was text used in conjunction with other types of visual representation (e. g., maps, sketches, floor plans)? What roles did Sumerian inscriptions play on monumental works of art? What do self-referential inscriptions tell us about the objects on which they were inscribed? What functions could Sumerian writing serve beyond conveying linguistic content? A second major component of the course will focus on the materiality of texts as objects preserved in a museum collection. The class will meet in the Harvard Museum of the Ancient Near East and will make extensive use of its cuneiform tablet collection.

FAS: Meets Foreign Lang Req: Sumerian

SUMERIAN 144

History's Oldest Religion In Sumerian Texts

M 0900 AM - 1145 AM

Anna Glenn

Course ID: 225850
2026 Spring (4 Credits)

In this course, we will examine the religions practiced in ancient Mesopotamia (modern Iraq) and the broader Near East through the lens of Sumerian texts. Case studies focused on various groups of Sumerian texts will serve as the basis for discussion of many different aspects of Mesopotamian religious life. The civilization of Sumer is the oldest civilization in recorded history; the first texts known to humankind were written in Sumer over 5,000 years ago. From the start of writing, and continuing over next three millennia, Sumerian texts offer a multifaceted wealth of insight into religious practices and beliefs of the ancient world. From these texts, we learn about ancient conceptions of creation, the universe, and humanity; myths about gods, goddesses, and demons; the performance of rituals and cultic rites; the construction and provisioning of cult statues; the day-to-day functioning of ancient temples; and much more. Elements of Sumerian religion can be traced through subsequent and surrounding cultures and traditions, both in Assyria and Babylonia, and further afield in the Hittite, Israelite, and Greco-Roman worlds. The study of ancient religions is not only integral to understanding these societies and civilizations to which they belonged, but it also serves as an invaluable point of reference for reflecting on modern-day religions and worldviews. Sumerian texts will serve as the basis for exploring all the topics mentioned above. Primary texts will be provided in transliteration and translation; students will read the texts in translation while making frequent reference to the original Sumerian. Prior knowledge of the language is not required.

FAS: Meets Foreign Lang Req: Sumerian

Modern Hebrew

MOD-HEB BA

Course ID: 114218
2025 Fall (4 Credits)

Elementary Modern Hebrew I

MTWR 0900 AM - 1015 AM

Instructor Permission Required

Ran Bechor

The course introduces students to the phonology and script as well as the fundamentals of morphology and syntax of Modern Hebrew. Emphasis is placed on developing reading, speaking, comprehension and writing skills, while introducing students to various aspects of contemporary Israeli society and culture.

Course Note: Offered jointly with the Divinity School as 4015A. Not open to auditors. Cannot be taken pass/fail.

FAS: Meets Foreign Lang Req: Hebrew

FAS Divisional Distribution: None

MOD-HEB BB

Course ID: 159988
2026 Spring (4 Credits)

Elementary Modern Hebrew II

MTWR 0900 AM - 1015 AM

Ran Bechor

The course introduces students to the phonology and script as well as the fundamentals of morphology and syntax of Modern Hebrew. Emphasis is placed on developing reading, speaking, comprehension and writing skills, while introducing students to various aspects of contemporary Israeli society and culture.

Course Note: Offered jointly with the Divinity School as HDS 4015B. Not open to auditors. Cannot be taken pass/fail.

MOD-HEB BA

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Hebrew

MOD-HEB 120A

Course ID: 110947
2025 Fall (4 Credits)

Intermediate Modern Hebrew I

MTWR 1030 AM - 1145 AM

Instructor Permission Required

Ran Bechor

The course reinforces and expands knowledge of linguistic and grammatical structures, with emphasis on further developing the four skills. Readings include selections from contemporary Israeli literature, print media, and internet publications. Readings and class discussions cover various facets of Israeli high and popular culture. Conducted primarily in Hebrew. Offered jointly with the Divinity School as 4040. Modern Hebrew B or passing of special departmental placement test.

Course Note: Conducted primarily in Hebrew. Offered jointly with the Divinity School as 4040. Not open to auditors.

Modern Hebrew BA/BB sequence or passing of special departmental placement test.

FAS: Meets Foreign Lang Req: Hebrew

HCOL: Foreign Lang Citation: Modern Hebrew

FAS Divisional Distribution: None

MOD-HEB 120B

Course ID: 111756
2026 Spring (4 Credits)

Intermediate Modern Hebrew II

MTWR 1030 AM - 1145 AM

Ran Bechor

Continuation of Hebrew 120a.

Course Note: Conducted primarily in Hebrew. Offered jointly with the Divinity School as 4041. Not open to

auditors.

Modern Hebrew 120a.

HCOL: Foreign Lang Citation: Modern Hebrew

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Hebrew

MOD-HEB 130A

Advanced Modern Hebrew I

TR 1200 PM - 0115 PM

Nader Uthman

Course ID: 119630

2025 Fall (4 Credits)

Instructor Permission Required

This course constitutes the third year of the Modern Hebrew language sequence. The course emphasizes the development of advanced proficiency in all skills. Readings include texts of linguistic and cultural complexity that cover contemporary Israeli literature and culture.

Course Note: Conducted in Hebrew. Not open to auditors. Offered jointly with the Divinity School as 4042.

Course sessions are 1 hour and 15 minutes long, and half an hour of conversation section.

Modern Hebrew 120A/120B sequence, or equivalent level of proficiency.

HCOL: Foreign Lang Citation: Modern Hebrew

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Hebrew

MOD-HEB 130B

Advanced Modern Hebrew II

MW 1200 PM - 0115 PM

Ran Bechor

Course ID: 126531

2026 Spring (4 Credits)

This course is a continuation of Hebrew 130a. Texts, films, and other materials expose students to the richness and complexity of the contemporary sociolinguistics of Israeli society.

Course Note: Conducted in Hebrew. Not open to auditors. Offered jointly with the Divinity School as 4043.

Modern Hebrew 130a, or equivalent level of proficiency.

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Modern Hebrew

FAS: Meets Foreign Lang Req: Hebrew

MOD-HEB 240R

Advanced Studies in Modern Hebrew

TR 1200 PM - 0115 PM

Nader Uthman

Course ID: 123026

2026 Spring (4 Credits)

Instructor Permission Required

This course constitutes the final level of Modern Hebrew language studies at Harvard. It is designed to strengthen all language skills for advanced learners of modern Hebrew by immersing them in the diverse spectrum of Israeli media and journalism over the years. Students will engage with Israeli media in its various forms, including podcasts, digital content, print materials, and video clips, all presented in Hebrew across social and traditional media platforms such as newspapers, television, and radio.

Course Note: Course scheduling is TBD and will be determined according to the schedules of enrolled students and the instructor.

MOD-HEB 130B

HCOL: Foreign Lang Citation: Modern Hebrew

FAS: Meets Foreign Lang Req: Hebrew

FAS Divisional Distribution: Arts and Humanities

Kurdish

KURDISH BB

Intermediate Kurdish II

M 0100 PM - 0230 PM

Nader Uthman

A continuation of Kurdish BA

Course ID: 224896
2026 Spring (4 Credits)

Prerequisite is Kurdish Ba or departmental permission. Auditing is not permitted: students must register for the course and take it on a letter-grade basis.

FAS Divisional Distribution: None

KURDISH CA

Advanced Kurdish I

No meeting time listed

Nader Uthman

Course ID: 226240
2025 Fall (4 Credits)

Instructor Permission Required

This course is the first part of the advanced-level sequence in Sorani Kurdish language and culture. Learners develop advanced-level skills in reading, writing, listening, speaking and culture and acquire proficiency in the products, practices and perspectives of Sorani Kurdish speakers. This course is supervised by Dr. Uthman but taught by instructional staff.

Notes: Prerequisite is Kurdish BB or departmental permission. Auditing is not permitted: students must register for the course and take it on a letter-grade basis.

FAS Divisional Distribution: Arts and Humanities

Hebrew

HEBREW 131

The Book of Daniel

T 0300 PM - 0500 PM

Andrew Teeter

A critical and exegetical study of Book of Daniel, based on a close reading of the text in Hebrew and Aramaic. Special attention will be given (1) to compositional poetics (i.e., large-and small-scale compositional strategies, principles of literary organization, textual logic, and analogical patterns); and (2) to inner-scriptural relationships, and to the nature and function of allusion and analogy within this book. This will be undertaken with a view toward understanding the overall expectations made of readers, ancient and modern. The text of Daniel and its underlying principles of design will be considered in the context of major critical debates within the current state of the field. The course presumes basic proficiency with Biblical Hebrew. Minimum of one year of Hebrew required. No previous knowledge of Aramaic required.

Minimum one year Classical Hebrew

FAS Divisional Distribution: Arts and Humanities

Course ID: 222992
2025 Fall (4 Credits)

HEBREW 235

The Binding of Isaac (Aqedah): Seminar

R 0300 PM - 0500 PM

Jon Levenson

An examination of Genesis 22 in multiple contexts - its settings in the Hebrew Bible and various forms of its afterlife in Second Temple Judaism, early Christianity, Rabbinic Judaism, and the Qur'an. Emphasis placed on the interpretation and expansion of the story in rabbinic midrashim, read in Hebrew. Some discussion of the use of the story in modern theology (especially Kierkegaard's Fear and Trembling) and of rationalist and feminist critiques. Jointly offered as Hebrew 235.

Course Note: Offered jointly with the Divinity School as 1808.

Three years of Hebrew or the equivalent, and acquaintance with historical critical methods.

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Hebrew

Course ID: 120896
2025 Fall (4 Credits)

Instructor Permission Required

HEBREW 300

Classical Hebrew Language and Literature

No meeting time listed

David Stern

Course ID: 122493
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

HEBREW 300

Classical Hebrew Language and Literature

No meeting time listed

David Stern

Course ID: 122493
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

Egyptian

EGYPTIAN AA

Course ID: 126691
2025 Fall (4 Credits)

The Language of the Pharaohs: Introduction to Egyptian Hieroglyphs I

TR 1030 AM - 1145 AM

Peter Manuelian

This language course explores the fundamentals of Middle Egyptian, the classical stage of Egyptian hieroglyphs used throughout much of ancient Egyptian history. Lessons in the Egyptian writing system, grammar, and culture, with weekly vocabulary and exercises, will introduce the language and verbal system in a systematic fashion. By the end of the semester, students may begin to read selections from Egyptian classic stories and historical texts. Visits to the Harvard Museum of the Ancient Near East and the Museum of Fine Arts, Boston, in order to read ancient hieroglyphic inscriptions on the original monuments, may also be included. This course is supervised by Dr. Manuelian but taught by instructional staff.

Course Note: Continues as Egyptian Ab. Offered jointly with the Divinity School as 4120.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Egyptian

EGYPTIAN AB

Course ID: 126692
2026 Spring (4 Credits)

The Language of the Pharaohs: Introduction to Egyptian Hieroglyphs II

TR 1030 AM - 1145 AM

Peter Manuelian

Continues Middle Egyptian I. Students will complete the introductory grammar book lessons, and move on to read a selection of basic stories, historical and biographical inscriptions, in the original hieroglyphs. Visits to the Egyptian galleries of the Museum of Fine Arts, Boston, in order to read some of the ancient hieroglyphic inscriptions on the original monuments, may also be included.

Course Note: Offered jointly with the Divinity School as 4121.

Egyptian Aa, Middle Egyptian I or consent of instructor.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Egyptian

EGYPTIAN 150

Course ID: 127917
2025 Fall (4 Credits)

Voices from the Nile: Ancient Egyptian Literature in Translation

MW 1030 AM - 1145 AM

Instructor Permission Required

Peter Manuelian

Examines several literary genres, from the Pyramid Age through at least the New Kingdom (ca. 2500-1000 BCE), including royal decrees, autobiographies, the Pyramid Texts, legal documents, letters to the living (and dead), love stories and poetry, military texts, religious rituals, and tomb robber court trial transcripts. Special emphasis on classical tales of the Middle Kingdom ("The Shipwrecked Sailor," "The Story of Sinuhe," etc.). Lectures, class discussion; no prerequisites. This course is supervised by Dr. Manuelian but taught by instructional staff.

Course Note: Enrollment limited to 20.

FAS: Meets Foreign Lang Req: Egyptian

FAS Divisional Distribution: Arts and Humanities

EGYPTIAN 200

Course ID: 160234
2025 Fall (4 Credits)

Egyptian Text Reading

No meeting time listed

Instructor Permission Required

Peter Manuelian

Graduate level course in the reading of primary Egyptian texts. This semester features readings in Middle Egyptian historical texts.

Course Note: Instructor consent required.

Middle Egyptian.

FAS Divisional Distribution: Arts and Humanities

EGYPTIAN 200

Egyptian Text Reading

No meeting time listed

Peter Manuelian

Course ID: 160234
2026 Spring (4 Credits)

Instructor Permission Required

Graduate level course in the reading of primary Egyptian texts. This semester features readings in Middle Egyptian historical texts.

Course Note: Instructor consent required.

Middle Egyptian.

FAS Divisional Distribution: Arts and Humanities

EGYPTIAN 227

Critical Readings in Egyptology

No meeting time listed

Peter Manuelian

Course ID: 218196
2025 Fall (4 Credits)

Instructor Permission Required

A weekly seminar for undergraduates and graduates in which we read and discuss a selection of important "classic" and key new books (and a few selected articles) relevant to the field of Egyptology (including Egyptomania and more recent "decolonizing" literature). The seminar targets students in Egyptology, but those in Assyriology, Classics, Divinity, History, Hebrew Bible, Religion, and other fields might also find it interesting and relevant. We will rehearse skills in critical reading, writing scholarly reviews, debating, and will engage with relevant literature, largely selected by students themselves, that we would not otherwise find the time to read.

FAS Divisional Distribution: Arts and Humanities

EGYPTIAN 300

Egyptian Text-Reading

No meeting time listed

Peter Manuelian

Course ID: 205970
2025 Fall (4 Credits)

Instructor Permission Required

This focuses on diverse topics in Egyptology, from text-reading to individual research projects. The topics may change from year to year, and students may take several iterations of the same course. Students meet with the instructor on a regular basis, and either read texts throughout the semester, or produce a final project or paper at the end of the course.

Course Note: Reading course

FAS Divisional Distribution: Arts and Humanities

EGYPTIAN 300

Egyptian Text-Reading

No meeting time listed

Peter Manuelian

Course ID: 205970
2026 Spring (4 Credits)

Instructor Permission Required

This focuses on diverse topics in Egyptology, from text-reading to individual research projects. The topics may change from year to year, and students may take several iterations of the same course. Students meet with the instructor on a regular basis, and either read texts throughout the semester, or produce a final project or paper at the end of the course.

Course Note: Reading course

FAS Divisional Distribution: Arts and Humanities

Islamic Civilizations

ISLAMCIV 113

**The History of the Moriscos: from the Iberian Peninsula to the Diaspora
(16th-18th c.)**

M 1245 PM - 0245 PM

Course ID: 226541
2025 Fall (4 Credits)

This course offers an examination of the history of the Moriscos, a population of Muslims in the Iberian Peninsula who have been forced to convert to Christianity since the early sixteenth century. The course begins with an examination of the genesis of the Morisco community, placing it in the context of the Muslim presence in the Iberian Peninsula and the historical trajectory of the "Reconquista period". Students will gain insight into the cultural, economic, and religious practices that shaped Morisco identity during this transformative period. The course will examine the challenges faced by the Moriscos in preserving their cultural and religious identity while living in a predominantly Christian society. The expulsion of the Moriscos from Spain in 1609 represents a pivotal moment in their history, and this course will provide an in-depth analysis of its causes, consequences, and global impact. The Diaspora section will examine the migration of the Moriscos beyond Spain's borders, with a particular focus on their settlement in North Africa. Using an interdisciplinary approach, students will examine the Moriscos' contributions to art, literature, science, and philosophy in their new environment, as well as the challenges they faced in maintaining their distinct identity. Students will engage with scholarly articles and contemporary accounts to develop a nuanced understanding of the historical trajectory of the Moriscos. By the end of the course, students will have acquired a comprehensive knowledge of Morisco history and its enduring impact on the broader cultural and historical landscape of the Mediterranean and beyond.

FAS Divisional Distribution: Arts and Humanities

ISLAMCIV 158

The Quran through the ages: Transmission and Reception

W 1200 PM - 0245 PM

Shady Nasser

Course ID: 160949
2026 Spring (4 Credits)

The course provides a comprehensive introduction to the Quran, with a focus on its origins, form, reception, and transmission history, while also considering its contemporary role in Muslim societies. Prior knowledge of Arabic or Islam is not required. Topics covered will include oral and written transmissions, the collection and codification of the Quran, Quranic recitation, Quranic manuscripts, calligraphy, and material culture related to Quranic elements. Additionally, the course will address major themes linked to specific disciplines within Quranic studies, such as exegesis and prophetic traditions. Students are required to submit response papers (1-2 pages) on a weekly basis.

FAS Divisional Distribution: Arts and Humanities

ISLAMCIV 300

Reading and Research in Islamic Civilizations

No meeting time listed

Course ID: 111145
2026 Spring (2 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ISLAMCIV 300

Reading and Research in Islamic Civilizations

No meeting time listed

Course ID: 111145
2025 Fall (2 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ISLAMCIV 300 (002)

Reading and Research in Islamic Civilizations

No meeting time listed

Shady Nasser

Course ID: 111145

2025 Fall (2 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

Armenian

ARMEN AA

Course ID: 205906
2025 Fall (4 Credits)

Elementary Modern Western Armenian I

No meeting time listed

Nader Uthman

Topic: Elementary Modern Armenian

Introduction to Western Armenian language, literature, and culture. Over the course of one year, students will acquire a thorough grounding in Western Armenian grammar and will develop foundational reading, writing, speaking, and comprehension skills. Students will be introduced to centuries of culture produced by the global Armenian diaspora. Readings will include modern and classical Western Armenian literature, drama, film, music, radio, periodicals, and historical documents.

Course Note: Final class time will be determined according to enrolled students' availability. Contact instructor if you have a scheduling conflict.

FAS: Meets Foreign Lang Req: Armenian

FAS Divisional Distribution: None

ARMEN AB

Course ID: 205908
2026 Spring (4 Credits)

Elementary Modern Western Armenian II

No meeting time listed

A continuation of Armenian AA. Introduction to Western Armenian language, literature, and culture. Over the course of one year, students will acquire a thorough grounding in Western Armenian grammar and will develop foundational reading, writing, speaking, and comprehension skills. Students will be introduced to centuries of Armenian literature, drama, film, music, radio, periodicals, and historical documents.

Course Note: Final class time will be determined according to enrolled students' availability. Contact instructor if you have a scheduling conflict.

Armenian AA/AB sequence, or equivalent.

FAS: Meets Foreign Lang Req: Armenian

FAS Divisional Distribution: None

ARMEN CB

Course ID: 223874
2026 Spring (4 Credits)

Advanced Modern Western Armenian II

No meeting time listed

A continuation of Armenian CA. Building on the skills gained in Armenian BA/BB, this advanced language course will help students further develop their Western Armenian reading, writing, speaking, and listening skills. In the course, students will be encouraged to explore their individual areas of interest in Armenian culture while conducting their own research and producing creative projects and literary translations. Course materials will include selections from Western Armenian literature, drama, film, music, radio, periodicals, and historical documents.

Course Note: Final class time will be determined according to enrolled students' availability. Contact instructor if you have a scheduling conflict.

ARMEN BA and ARMEN BB

FAS: Meets Foreign Lang Req: Armenian

FAS Divisional Distribution: Arts and Humanities

Ancient Near East

ANE 115

Archaeology of the Levant

T 1200 PM - 0245 PM

Andrew Danielson

This course examines past societies of the ancient Levant through the archaeological record from the Neolithic through to the end of the Persian period (c. 9750–332 BCE). Artifacts and archaeological remains will be discussed in the context of past societies and contemporary interpretations. Specific topics include archaeological methods, the development of agrarian societies, urbanism, social hierarchies, technological innovations, diplomacy, economic interconnections, state formations, environmental change, colonialism, and state/household ritual. Specific focus will be given to the periods of the Late Bronze and Iron Age in the Levant, examining the formation and dissolution of Bronze Age city-states, and the rise and fall of Iron Age kingdoms including ancient Israel, Moab, and Edom. As a part of the course, students will interact with archaeological material culture at the Harvard Museum of the Ancient Near East.

Course Note: Course to be taught by Dr. Andrew Danielson.

FAS Divisional Distribution: Social Sciences

ANE 116

Age of Empires: Violence, Ideology, and the Making of Ancient Near Eastern Societies

T 1200 PM - 0245 PM

Andrew Danielson

What is empire? Why and how are some political collectives more successful than others in achieving dominance over diverse geographic locales and social groups? What role does violence and ideology play in the imperial project? And what strategies do communities employ to negotiate their position under non-local rule? This course explores the range of answers to such questions by surveying the rise and fall of several major Bronze and Iron Age empires of ancient southwest Asia, including New Kingdom Egypt, the Hittites, Assyria, Babylon, Achaemenid Persia, and the arrival of Hellenism under Alexander of Macedon. In concert with investigating the structure, ideologies, and characteristics of expansion of these imperial powers, the archaeological, visual, and epigraphic record will be engaged to give equal focus to the diverse experiences of peoples subjected to such structures of domination. Specific focus is placed on the region of the ancient Levant and the communities therein, exploring their reaction to these imperial programs throughout the late second through first millennium BCE. In doing so, we will investigate how the intersection of imperial objectives dovetailed with local strategies of resistance and/or adaptation, resulting in the making of ancient Near Eastern societies.

ANE 120A

Introduction to the Hebrew Bible/Old Testament 1: Pentateuch and Former Prophets

TR 1030 AM - 1145 AM

Andrew Teeter

A critical introduction to the literature and theology of the Hebrew Bible, considered in light of the historical contexts of its formation and the interpretive contexts of its reception within Judaism and Christianity. The course, the first part of a divisible, year-long sequence, will focus on the major biblical narrative traditions, the Pentateuch and Former Prophets.

Course Note: Offered jointly with the Divinity School as 1102.

FAS Divisional Distribution: Arts and Humanities

ANE 120B

Introduction to the Hebrew Bible/Old Testament 2: Latter Prophets and Writings

Course ID: 126065
2026 Spring (4 Credits)

TR 1030 AM - 1145 AM

Andrew Teeter

A critical introduction to the literature and theology of the Hebrew Bible, considered in light of the historical contexts of its formation and the interpretive contexts of its reception within Judaism and Christianity. The course, the second part of a divisible, year-long sequence, will focus on the Latter Prophets and the Writings.

Course Note: Offered jointly with the Divinity School as HDS 1103.

FAS Divisional Distribution: Arts and Humanities

ANE 211

Social Archaeology of Iron Age Ancient Israel

M 0300 PM - 0545 PM

Andrew Danielson

Course ID: 225812
2026 Spring (4 Credits)

Instructor Permission Required

This course examines past societies of the ancient southern Levant through the archaeological record of the Iron Age (ca. 1175–550 BCE). The course focusses on the kingdoms and cultures of Israel, Judah, Philistia, Ammon, Moab and Edom, engaging with the periods prior to their formation, the processes that shaped them, and the aftereffects of their demise. Specific course topics include state formation, nomadism, cross-cultural interaction, identity, economies, power in society, empire, resistance, refugees, and religion. This course will involve the Harvard Museum of the Ancient Near East, making use of the exhibits, and especially the archaeological material culture in its storerooms. Students will regularly engage with this material culture, forming research projects and presentations in relation to it.

ANE 301

Reading and Research in Ancient Near Eastern Studies

No meeting time listed

Andrew Teeter

Course ID: 214505
2026 Spring (4 Credits)

Instructor Permission Required

ANE 330

Reading and Research in Biblical Studies

No meeting time listed

Andrew Teeter

Course ID: 110807
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ANE 330

Reading and Research in Biblical Studies

No meeting time listed

Course ID: 110807
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

Akkadian

AKKAD AA

Course ID: 114320
2025 Fall (4 Credits)

Introductory Akkadian I

MW 1200 PM - 0115 PM

Celine Deboutse

An introduction to the Semitic language of Akkadian, primarily through the Old Babylonian dialect and cuneiform writing system as used during the time of Hammurabi (c. 1750 BCE). Students learn the fundamentals of grammar and the writing system, as well as the most common cuneiform signs in official and cursive script. Readings span a variety of genres, including private letters, judicial documents, literary and religious texts, divinatory compendia, legal code, and royal inscriptions. The course also briefly introduces students to examples of texts from other periods and dialects of the Akkadian language for cultural and comparative purposes. This course is supervised by Dr. Deboutse but taught by instructional staff.

FAS: Meets Foreign Lang Req: Akkadian

FAS Divisional Distribution: None

AKKAD AB

Course ID: 159801
2026 Spring (4 Credits)

Introductory Akkadian II

MW 1200 PM - 0115 PM

Celine Deboutse

An introduction to the Semitic language of Akkadian, primarily through the Old Babylonian dialect and cuneiform writing system as used during the time of Hammurabi (c. 1750 BCE). Students learn the fundamentals of grammar and the writing system, as well as the most common cuneiform signs in official and cursive script. Readings span a variety of genres, including private letters, judicial documents, literary and religious texts, divinatory compendia, legal code, and royal inscriptions. The course also briefly introduces students to examples of texts from other periods and dialects of the Akkadian language for cultural and comparative purposes.

Requires: Pre-requisite: AKKAD AA

FAS: Meets Foreign Lang Req: Akkadian

FAS Divisional Distribution: None

AKKAD 130R

Course ID: 226206
2025 Fall (4 Credits)

Akkadian Incantations (Advanced Akkadian)

W 1200 PM - 0245 PM

Anna Glenn

In this advanced Akkadian reading course, we will read a selection of Akkadian and Sumerian-Akkadian bilingual incantations from different periods in Mesopotamian history. Course objectives include: introducing the genre of incantations; extending reading ability in the Akkadian language and the cuneiform writing system; gaining familiarity with the scripts, writing conventions, and dialects of Akkadian in different periods; and exploring points of continuity and change in the practice of writing incantations across time.

Introductory Akkadian (AKKAD AA) or equivalent

FAS: Meets Foreign Lang Req: Akkadian

FAS Divisional Distribution: Arts and Humanities

AKKAD 300

Course ID: 111348
2026 Spring (4 Credits)

Akkadian Language and Literature

No meeting time listed

Instructor Permission Required

FAS: Meets Foreign Lang Req: Akkadian

FAS Divisional Distribution: None

Turkish

TURKISH AA

Elementary Modern Turkish I

TR 1030 AM - 1145 AM

Meryem Demir

Course ID: 111729
2025 Fall (4 Credits)

Instructor Permission Required

Emphasis on all aspects of Turkish grammar toward developing a solid foundation for speaking, listening, reading, writing, and vocabulary skills.

Course Note: Not open to auditors. Cannot be taken pass/fail.

FAS: Meets Foreign Lang Req: Turkish

FAS Divisional Distribution: None

TURKISH AB

Elementary Modern Turkish II

MTRF 1030 AM - 1145 AM

Meryem Demir

Course ID: 159868
2026 Spring (4 Credits)

Emphasis on all aspects of Turkish grammar toward developing a solid foundation for speaking, listening, reading, writing, and vocabulary skills.

Course Note: Not open to auditors. Cannot be taken pass/fail.

TURKISH AA

FAS: Meets Foreign Lang Req: Turkish

FAS Divisional Distribution: None

TURKISH 120A

Intermediate Modern Turkish I

TR 0900 AM - 1015 AM

Meryem Demir

Course ID: 113576
2025 Fall (4 Credits)

Instructor Permission Required

This course begins the second year of Turkish which includes thorough review of the fundamentals of grammar and building a wider vocabulary. It emphasizes reading, writing, speaking and listening comprehension. Course introduces literary and cultural texts, and includes audio-visual material from the contemporary media.

Course Note: Not open to auditors.

Turkish AB or equivalent.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Turkish

HCOL: Foreign Lang Citation: Turkish

TURKISH 120B

Intermediate Modern Turkish II

MTRF 0900 AM - 1015 AM

Meryem Demir

Course ID: 110700
2026 Spring (4 Credits)

Studies in argumentative and literary prose.

Course Note: Not open to auditors.

Turkish 120a or equivalent.

HCOL: Foreign Lang Citation: Turkish

FAS: Meets Foreign Lang Req: Turkish

TURKISH 130A

Advanced Turkish I

MW 1200 PM - 0200 PM

Himmet Taskomur

Course ID: 109281
2025 Fall (4 Credits)

Instructor Permission Required

Gaining and improving advanced language skills in Modern Turkish through reading, writing, listening, and speaking with special emphasis on the proper usage of vocabulary and idiomatic expressions.

HCOL: Foreign Lang Citation: Turkish

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Turkish

TURKISH 130B

Advanced Topics in Turkish Language, Literature, and Culture

No meeting time listed

Meryem Demir

Course ID: 113853
2026 Spring (4 Credits)

Studies in literary and idiomatic prose through readings, discussions, and writing of short analytical papers. Course meeting times may be adjusted according to student availability.

Course Note: Not open to auditors.

Turkish 130a or equivalent.

HCOL: Foreign Lang Citation: Turkish

FAS: Meets Foreign Lang Req: Turkish

FAS Divisional Distribution: Arts and Humanities

TURKISH 140A

Introduction to Ottoman Turkish I

MW 0900 AM - 1100 AM

Himmet Taskomur

Course ID: 118284
2025 Fall (4 Credits)

Instructor Permission Required

Introduction to basic orthographic conventions and grammatical characteristics of Ottoman Turkish through readings in printed selections from the 19th and 20th centuries, and exercises on techniques.

Course Note: Not open to auditors.

Turkish 130B

FAS: Meets Foreign Lang Req: Turkish

FAS Divisional Distribution: None

TURKISH 140B

Introduction to Ottoman Turkish II

MW 0900 AM - 1100 AM

Himmet Taskomur

Course ID: 118285
2026 Spring (4 Credits)

Continuation of Turkish 140a. Exercises on specialized orthographic conventions and grammatical characteristics of Ottoman Turkish through readings in printed selections from the 19th and 20th centuries.

Course Note: Not open to auditors.

Turkish 140a or equivalent.

FAS: Meets Foreign Lang Req: Turkish

FAS Divisional Distribution: None

TURKISH 150A

Advanced Ottoman Turkish I

MW 0300 PM - 0500 PM

Himmet Taskomur

Course ID: 126430
2025 Fall (4 Credits)

Instructor Permission Required

Advanced readings on early modern Ottoman Turkish: Ottoman History Writing in the Early Modern Era. The course introduces various writing of Ottoman History. Analysis of rhetorical usages as well as advanced syntax of Ottoman Turkish. This course is also an introduction to the Ottoman paleography and manuscript studies.

Course Note: Not open to auditors.

Turkish 140 or equivalent; one year of Arabic or Persian desirable.

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Turkish

TURKISH 150B

Advanced Ottoman Turkish II

MW 0300 PM - 0500 PM

Himmet Taskomur

Course ID: 126431
2026 Spring (4 Credits)

Instructor Permission Required

Ottoman History Writing 1600-1850, Close reading of the selected texts from various genres, analysis of narrative strategies, rhetorical choices in writing history, with a view of how historical events were chosen and narrativized.

Course Note: Not open to auditors.

TURKISH 140A or equivalent; one year of Arabic or Persian desirable.

FAS: Meets Foreign Lang Req: Turkish

FAS Divisional Distribution: Arts and Humanities

TURKISH 300

Turkish Languages and Literatures

No meeting time listed

Himmet Taskomur

Course ID: 121963
2025 Fall (4 Credits)

Instructor Permission Required

TURKISH 300

Turkish Languages and Literatures

No meeting time listed

Himmet Taskomur

Course ID: 121963
2026 Spring (4 Credits)

Instructor Permission Required

Armenian Studies

ARMENST 300

Reading and Research in Armenian Studies

No meeting time listed

Christina Maranci

Course ID: 110969

2025 Fall (4 Credits)

Instructor Permission Required

ARMENST 300

Reading and Research in Armenian Studies

No meeting time listed

Christina Maranci

Course ID: 110969

2026 Spring (4 Credits)

Instructor Permission Required

Neuroscience

Neuroscience - Undergraduate

NEURO 80

Neurobiology of Behavior

TR 1030 AM - 1145 AM

Katie Quast, Naoshige Uchida

Course ID: 207476

2025 Fall (4 Credits)

An introduction to the ways in which the brain controls mental activities. The course covers the cells and signals that process and transmit information, and the ways in which neurons form circuits that change with experience. Topics include the neurobiology of perception, learning, memory, emotion, and neurologic disorders. This year we are combining interactive, didactic lecture videos with live Tuesdays and Thursdays featuring guest lectures, hands-on demonstrations, and review sessions in addition to small discussion sections.

This course requires students to choose timed sections during registration. The course is open to students with little formal training in biology.

FAS Divisional Distribution: Science & Engineering & Applied Science

NEURO 91

Laboratory Research

No meeting time listed

Ryan W. Draft, Laura Magnotti, Kristina Penikis

Course ID: 122846

2025 Fall (4 Credits)

Instructor Permission Required

This course is taken to obtain credit for independent laboratory research during the 6th, 7th, or 8th semester. Research work should be directed by a member of the Neuroscience Standing Committee or an appropriate Harvard affiliated faculty member in another department or institution. All students must submit registration materials for Neuro 91 at the time of enrollment. See the Neuroscience website for details.

Course Note: Cannot be taken as a sixth course.

FAS Divisional Distribution: Science & Engineering & Applied Science

NEURO 91

Laboratory Research

No meeting time listed

Ryan W. Draft, Laura Magnotti, Kristina Penikis

Course ID: 122846

2026 Spring (4 Credits)

Instructor Permission Required

This course is taken to obtain credit for independent laboratory research during the 6th, 7th, or 8th semester. Research work should be directed by a member of the Neuroscience Standing Committee or an appropriate Harvard affiliated faculty member in another department or institution. All students must submit registration materials for Neuro 91 at the time of enrollment. See the Neuroscience website for details.

Course Note: Cannot be taken as a sixth course.

NEURO 99

Course ID: 122847

Thesis research

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Ryan W. Draft, Laura Magnotti, Kristina Penikis

For Neuroscience concentrators writing a thesis. This course is ordinarily taken during the final semester of enrollment. The Standing Committee must approve a thesis proposal prior to enrolling in Neuro 99. See the Neuroscience website for details.

Course Note: Laboratory safety session required.

Cannot be taken as a sixth course.

FAS Divisional Distribution: Science & Engineering & Applied Science

NEURO 99

Course ID: 122847

Thesis research

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Ryan W. Draft, Laura Magnotti, Kristina Penikis

For Neuroscience concentrators writing a thesis. This course is ordinarily taken during the final semester of enrollment. The Standing Committee must approve a thesis proposal prior to enrolling in Neuro 99. See the Neuroscience website for details.

Course Note: Laboratory safety session required.

Cannot be taken as a sixth course.

FAS Divisional Distribution: Science & Engineering & Applied Science

NEURO 101AA

Course ID: 224943

Alzheimer's Disease: Causes and consequences of brain degeneration

2026 Spring (4 Credits)

T 0300 PM - 0500 PM

Instructor Permission Required

Theodore Zwang

Alzheimer's disease is a neurodegenerative disease that affects millions globally and is the leading cause of dementia among adults. In this course we will develop an understanding for the characteristics of Alzheimer's disease and related dementias that contribute to brain degeneration, the effects that these diseases have on individuals, and the theories behind emerging treatments.

Enrollment for this course will be via lottery with preference given to junior Neuroscience concentrators. Lottery instructions, deadlines, and a link to the google form can be found here: <https://www.mcb.harvard.edu/undergraduate/neuroscience/neuro-courses/?course-button=tutorials>

Ls1a (or LPSA) and MCB/Neuro 80.

FAS Divisional Distribution: Science & Engineering & Applied Science

NEURO 101CC

Course ID: 226358

Comparative neuroscience and brain circuits across species

2025 Fall (4 Credits)

W 0300 PM - 0500 PM

Instructor Permission Required

Anqi Zhang

Rapid advances in neuroscience have given us a precise understanding of how specific brains solve specific problems, from spatial navigation in rodents to object recognition in macaques. One important question is how general these findings are across animal species, and particularly in comparison to human brains. In this course, we will discuss and assess scientific literature that tackles this question through the lens of how understanding of the brain can benefit from comparing across diverse species. How do different animal model species contribute uniquely to our understanding of neural circuit processing? How do studies in and comparison across non-human species help to discover fundamental insights that can have human or clinical relevance? We will use these questions to gain greater insight into neural mechanisms and ask how neuroscience can leverage animal diversity to learn core principles about the brain. We will discuss generalized and specialized neural mechanisms and examine what we have learned about neural computations by comparing findings across species.

Enrollment for this course will be via lottery with preference given to junior Neuroscience concentrators. Lottery instructions, deadlines, and a link to the google form can be found here: <https://www.mcb.harvard.edu/undergraduate/neuroscience/neuro-courses/?course-button=tutorials>

Prerequisite: MCB/Neuro 80.

FAS Divisional Distribution: Science & Engineering & Applied Science

NEURO 101DD

Dopamine: A Systems Neuroscience Perspective

T 0345 PM - 0545 PM

Mark Burrell, Malcolm Campbell

Course ID: 226359

2025 Fall (4 Credits)

Instructor Permission Required

In this tutorial, we will explore dopamine's diverse roles in reward, motivation, learning, and movement along with how its dysfunction contributes to conditions such as addiction. Drawing on recent systems neuroscience research, we will assess key conceptual frameworks, dissect seminal findings, and highlight unresolved controversies. Students will develop their ability to critically analyze primary literature and design an original research proposal that addresses a fundamental gap in our understanding of dopamine.

Enrollment for this course will be via lottery with preference given to junior Neuroscience concentrators. Lottery instructions, deadlines, and a link to the google form can be found here: <https://www.mcb.harvard.edu/undergraduate/neuroscience/neuro-courses/?course-button=tutorials>

Prerequisite: MCB/Neuro 80.

FAS Divisional Distribution: Science & Engineering & Applied Science

NEURO 101EE

Neuroscience of Psychedelic Experiences

R 0600 PM - 0800 PM

Chloe Jordan

Course ID: 226361

2025 Fall (4 Credits)

Instructor Permission Required

During a psychedelic experience, people report profound alterations in their sensation, perception, and consciousness, ranging from visual distortions to a loss of the sense of self to a feeling of "oneness" with the universe. While the psychedelic experience may last only minutes to hours, many people with these experiences report long-lasting changes in their thought patterns and perspectives for weeks to months afterwards. Psychedelic experiences can be induced by use of substances such as psilocybin, LSD, and ayahuasca, as well as by practices such as breathwork or meditation. How do psychedelic substances and other practices produce such impactful changes in the brain and in daily experience? We will discuss the neuroscience of psychedelic experiences, including neural substrates and circuitry underlying psychedelic substances, how psychedelic experiences may shape brain network activity through neuroplasticity, and the latest scientific developments investigating the utility of psychedelic experiences as treatments for other mental health conditions.

Enrollment for this course will be via lottery with preference given to junior Neuroscience concentrators. Lottery instructions, deadlines, and a link to the google form can be found here: <https://www.mcb.harvard.edu/undergraduate/neuroscience/neuro-courses/?course-button=tutorials>

Prerequisite: MCB/Neuro 80.

FAS Divisional Distribution: Science & Engineering & Applied Science

NEURO 101FF

Building a Human Brain: Cortical Development from Cells to Circuits

W 0600 PM - 0800 PM

Rahel Kastli

Course ID: 226363

2025 Fall (4 Credits)

Instructor Permission Required

This seminar offers an in-depth exploration into the development of the cerebral cortex, focusing on foundational and recent research that unveils the intricate processes shaping cortical architecture. The course is structured around three main thematic areas: neurogenesis of excitatory neurons, origin and integration of inhibitory neurons, and the formation of neuronal circuits.

Enrollment for this course will be via lottery with preference given to junior Neuroscience concentrators. Lottery instructions, deadlines, and a link to the google form can be found here: <https://www.mcb.harvard.edu/undergraduate/neuroscience/neuro-courses/?course-button=tutorials>

Prerequisites: Ls1a (or LPSA or LS 50) and MCB/Neuro 80.

FAS Divisional Distribution: Science & Engineering & Applied Science

NEURO 101GG

The Neuroscience of Artificial Neural Networks: From Inspiration to Analysis

R 0345 PM - 0545 PM

Andy Keller

Course ID: 226364
2025 Fall (4 Credits)

Instructor Permission Required

How "neural" are artificial neural networks? Drawing on foundational and modern research, this course explores the conceptual and mathematical parallels between biological and artificial neurons, tracing their intertwined histories from early perceptrons to today's large-scale deep networks. We will investigate fundamental similarities and key divergences—such as with neural selectivities, large scale organization, and learning rules—and discuss how neuroscience methods are being used to interrogate the internal structure of deep vision and language models today. By examining seminal and contemporary literature, students will build an intuition for how brain-inspired principles have shaped modern AI, the role of neuroscience in AI development today, and how neuroscientific techniques can offer unique insights into the behavior and organization of complex computational systems.

Enrollment for this course will be via lottery with preference given to junior Neuroscience concentrators. Lottery instructions, deadlines, and a link to the google form can be found here: <https://www.mcb.harvard.edu/undergraduate/neuroscience/neuro-courses/?course-button=tutorials>

Prerequisites: MCB/Neuro 80 and Math 1b. Familiarity with differential equations, multivariable calculus, statistical inference, and linear algebra is recommended, but not required. Brief reviews of core mathematics will be provided during lectures before the associated readings.

FAS Divisional Distribution: Science & Engineering & Applied Science

NEURO 101L

Sleep Talk: Unraveling the Mystery of Sleep

T 0600 PM - 0800 PM

Tony Cunningham

Course ID: 207615
2026 Spring (4 Credits)

Instructor Permission Required

This student-led, discussion-based course will build upon a foundation of basic facts of sleep physiology and circadian rhythms, and then move into sleep's influence on mental health, beginning with consideration of sleep disorders and sleep's role in optimizing human functioning. We will then examine the specific roles of sleep in neuropsychiatric disorders, human performance and societal issues related to sleep.

Enrollment for this course will be via lottery with preference given to junior Neuroscience concentrators. Lottery instructions, deadlines, and a link to the google form can be found here: <https://www.mcb.harvard.edu/undergraduate/neuroscience/neuro-courses/?course-button=tutorials>

MCB/Neuro 80.

FAS Divisional Distribution: Science & Engineering & Applied Science

NEURO 101V

Sculpting Activity: Neural Inhibition in Health and Disease

T 0300 PM - 0500 PM

Saad Hannan

Course ID: 220865
2025 Fall (4 Credits)

Instructor Permission Required

Although the vast majority of neurons in the mammalian brain are excitatory, inhibitory neurons working via GABA inhibition shape excitability to play crucial roles in normal brain function. Consequently, GABAergic dysfunction features prominently in various neurological and neuropsychiatric disorders. This course explores molecular, cellular, neural circuit and behavioral mechanisms underlying brain disorders along with treatment strategies targeting this essential synapse.

Enrollment for this course will be via lottery with preference given to junior Neuroscience concentrators. Lottery instructions, deadlines, and a link to the google form can be found here: <https://www.mcb.harvard.edu/undergraduate/neuroscience/neuro-courses/?course-button=tutorials>

Prerequisites: Ls1a (or LPSA or LS 50) and MCB/Neuro 80

FAS Divisional Distribution: Science & Engineering & Applied Science

How do we make meaning out of sound? Guided by classic and contemporary experimental literature, we will explore the neural basis of hearing and auditory perception. Topics will include speech, music, voice, attention, hearing loss, neural prosthetics, brain damage, animal communication, development and aging, and learning and plasticity.

Enrollment for this course will be via lottery with preference given to junior Neuroscience concentrators. Lottery instructions, deadlines, and a link to the google form can be found here: <https://www.mcb.harvard.edu/undergraduate/neuroscience/neuro-courses/?course-button=tutorials> The instructor for this course is Sara Beach, sara_beach@mail.harvard.edu.

Prerequisite: MCB/Neuro 80

FAS Divisional Distribution: Science & Engineering & Applied Science

Dominika Burek

This course explores the genetic, molecular, and physiological mechanisms that determine how our brains respond to stressors. Focusing on preclinical and animal models, we learn to read and interpret high-impact, primary research articles that use cutting-edge neuroscience methods and techniques such as RNA-sequencing, epigenetic profiling, optogenetics, chemogenetics, and calcium imaging.

Enrollment for this course will be via lottery with preference given to junior Neuroscience concentrators. Lottery instructions, deadlines, and a link to the google form can be found here: <https://www.mcb.harvard.edu/undergraduate/neuroscience/neuro-courses/?course-button=tutorials>

Ls1a (or LPSA) and MCB/Neuro 80.

FAS Divisional Distribution: Science & Engineering & Applied Science

Florian Engert, Yasuko Isoe

The neuronal basis of sensory processing and animal behavior will be explored in many different model systems as diverse as honeybees, weakly electric fish, and humans. Special emphasis is placed on the role of activity dependent modulation of neuronal connections in the context of learning, memory, and development of the nervous system.

Requires: Pre-requisite: MCB/NEURO 80 or Instructor Approval.

FAS Divisional Distribution: Science & Engineering & Applied Science

Kristina Penikis

There are 100 billion neurons and over 100 trillion synaptic connections in the human brain. Learning how these neurons interact to recall an old memory, construct sensory perception, and motivate behavior is no trivial venture. Computational techniques have expanded our understanding of the complex systems underlying functions of the brain. In this course, students will be introduced to a variety of tools from fields such as mathematics, physics, and computer science that have been adapted to investigate the principles of neural function. Students will learn concepts and practice skills through lectures, in-class activities, programming assignments, and a final project. Topics covered include biophysical models of neurons, sensory information processing, neural population dynamics, memory, deep learning, reinforcement learning, and techniques to analyze experimental data, among others. Tools will be applied across levels of analysis, from individual neurons to neural population dynamics. Familiarity—but not expertise—with coding and linear algebra will be assumed.

Prior experience with numerical programming (python or matlab) is required for success in this course. Exposure to linear algebra, differential equations, and dynamical systems at the level of Math 21B/22A is strongly recommended.

Requires: Pre-Requisite: NEURO 80 OR MCB 80 must be taken.

FAS Divisional Distribution: Science & Engineering & Applied Science

NEURO 125

Molecular Basis of Behavior

TR 0130 PM - 0245 PM

Catherine Dulac

Modern molecular genetic approaches are teaching us a great deal on how the brain controls behaviors. This course will cover newly developed experimental strategies of molecular neuroscience, and how they have helped uncover the nature and identity of behavior circuit components. How genes and molecules affect behaviors will be investigated through key examples of mammalian behaviors with an emphasis on instinctive and social behaviors, their expression, development, and associated mental disorders.

Prerequisite: MCB/NEURO 80 or equivalent, Life Science 1a or equivalent, or Instructor Approval.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 207533
2026 Spring (4 Credits)

NEURO 130 (LEC)

Visual Recognition: Computational and Biophysical Perspective

M 0300 PM - 0545 PM

Gabriel Kreiman

Examines how neuronal circuits represent information and how those circuits are implemented in artificial intelligence algorithms. Topics: architecture of visual cortex, neurophysiology, visual consciousness, computational neuroscience, models of pattern recognition and computer vision.

Course Note: Course website: Neurobiology 230, Visual Recognition

Neuro 130 cannot be taken if Neurobio 230 has been taken. Neuro 130 cannot be taken concurrently with Neurobio 230.

Math (Maa/Mab, Math 1A, 1B, Math 19 a or equivalent). Physical Sciences 1. MCB 80.

Requires: Prerequisite: ((LifeSci 1A OR LPS A) AND (LifeSci 1B)) AND may not be taken at the same time with NEURO 230

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 160750
2025 Fall (4 Credits)

NEURO 140

Biological and Artificial Intelligence

T 0300 PM - 0500 PM

Gabriel Kreiman

This course provides a foundational overview of the fundamental ideas in computational neuroscience and the study of Biological Intelligence. At the same time, the course will connect the study of brains to the blossoming and rapid development of ideas in Artificial Intelligence. Topics covered include the biophysics of computation, neural networks, machine learning, Bayesian models, theory of learning, deep convolutional networks, generative adversarial networks, neural coding, control and dynamics of neural activity, applications to brain-machine interfaces, connectomics, among others.

Basic knowledge of multivariate calculus, differential equations, linear algebra, and elementary probability theory

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 207645
2026 Spring (4 Credits)

NEURO 141

The Physics of Sensory Systems in Biology

Course ID: 121885
2025 Fall (4 Credits)

Aravinthan Samuel

Living organisms use sensory systems to inform themselves of the sights, sounds, and smells of their surrounding environments. Sensory systems are physical measuring devices, and are therefore subject to certain limits imposed by physics. Here we will consider the physics of sensory measurement and perception, and study ways that biological systems have solved their underlying physical problems. We will discuss specific cases in vision, olfaction, and hearing from a physicist's point of view.

Math 21a and 21b or the equivalent.

Requires: Anti-Requisite: Cannot be taken for credit if NEURO 141 already complete.

FAS Divisional Distribution: Science & Engineering & Applied Science

NEURO 146

Course ID: 212831

Experience-Based Brain Development: Causes and Consequences

2025 Fall (4 Credits)

TR 0300 PM - 0415 PM

Instructor Permission Required

Takao Hensch

At no time in life does the surrounding environment so potently shape brain function as in infancy and early childhood. This course integrates molecular/cellular biology with systems neuroscience to explore biological mechanisms underlying critical periods in brain development. Understanding how neuronal circuits are sculpted by experience will motivate further consideration of the social impact on therapy, education, policy, and ethics.

Prerequisite: PreLs1a or LPSA and MCB/Neuro 80 or instructor approval.

FAS Divisional Distribution: Science & Engineering & Applied Science

NEURO 170

Course ID: 207770

Brain Invaders: Building and Breaking Barriers in the Nervous System

2026 Spring (4 Credits)

MW 0130 PM - 0245 PM

Instructor Permission Required

Laura Magnotti

The brain has evolved a unique but very effective system to protect itself from invaders. In this course, we will explore the specific defenses that the nervous system uses to protect itself. We will also examine how some pathogens evade or breach those defenses and the impact of those invasions. Finally, we will explore how scientists have been able to translate their understanding of these pathogenic mechanisms into technologies for research and therapeutic applications.

Prerequisite: (LPS A OR LS 1a) AND MCB/NEURO 80 or Instructor Approval.

FAS Divisional Distribution: Science & Engineering & Applied Science

NEURO 175

Course ID: 218679

Principles of Cell Physiology

2025 Fall (4 Credits)

MW 0130 PM - 0245 PM

Nicholas Bellono

How do cells communicate and respond to their environment? How do cells communicate and respond to their environment? MCB175 explores foundational principles in cell physiology using biological extremes to provide insights into core fundamental concepts. We exploit unusual sensory receptors, venomous animals, peculiar unicellular organisms, plants, and diseases as examples of specialized signaling mechanisms in diverse cell types, organismal states, and evolutionary adaptations. Through reading and discussing primary literature and scientific writing and presentation assignments, students strengthen skills in critical thinking, interpretation of data, and experimental strategy to ask biological questions.

MCB 60 or MCB/Neuro 80

FAS Divisional Distribution: Science & Engineering & Applied Science

Computational Neuroscience

MW 0300 PM - 0415 PM

Haim Sompolinsky

Follows trends in modern brain theory, focusing on local neuronal circuits as basic computational modules. Explores the relation between network architecture, dynamics, and function. Introduces tools from information theory, statistical inference, and the learning theory for the study of experience-dependent neural codes. Specific topics: computational principles of early sensory systems; adaptation and gain control in vision, dynamics of recurrent networks; feature selectivity in cortical circuits; memory; learning and synaptic plasticity; noise and chaos in neuronal systems.

Course Note: Also offered as Neuro 231 and MCB 231. Cannot be taken for credit as Physics 231 if Neuro 231 or MCB 231 is already complete.

Basic knowledge of multivariate calculus, differential equations, linear algebra, and elementary probability theory. Requires: Anti-Requisite: Cannot be taken for credit if MCB 131 already complete.

FAS Divisional Distribution: Science & Engineering & Applied Science

Computational Cognitive Neuroscience: Building Models of the Brain

MW 1200 PM - 0115 PM

*Instructor Permission Required**Samuel Gershman*

"What I cannot create, I do not understand." This course applies Richard Feynman's dictum to the brain, by teaching students how to simulate brain function with computer programs. Special emphasis will be placed on how neurobiological mechanisms give rise to cognitive processes like learning, memory, attention, decision-making, and object perception. Students will learn how to understand experimental data through the lens of computational models, and ultimately how to build their own models.

Course Note: Anti-Requisite: Cannot be taken for credit if Neuro 1401 already complete.

Students be comfortable with a numerical programming language (e.g., Python, Matlab, R). Psychology concentrators should have taken Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18, MCB/NEURO 80 or MCB 81 before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

No Department**Independent Study****Independent Study***No meeting time listed**Instructor Permission Required**Jack Huguley*

Topic: Kirkland House

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

Course Note: A student may petition to take up to a total of four, four-credit courses of Independent Study. Independent Study courses are subject to the same rules for dropping and withdrawing as any other course. The petition requires the signatures of a qualified adviser and the student's resident dean, as well as an outline of the student's proposed project. It must be submitted to the Allston Burr Resident Dean for approval, ordinarily in the first week of the term.

FAS Divisional Distribution: None

INDSTUDY 1

Course ID: 150200

Independent Study

2026 Spring (4 Credits)

*No meeting time listed**Instructor Permission Required**Jack Huguley*

Topic: Kirkland House

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FAS Divisional Distribution: None

INDSTUDY 1 (002)

Course ID: 150200

Independent Study

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Charles Lockwood*

Topic: Adams House

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FAS Divisional Distribution: None

INDSTUDY 1 (002)

Course ID: 150200

Independent Study

2026 Spring (4 Credits)

*No meeting time listed**Instructor Permission Required**Annie Park*

Topic: Lowell House

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FAS Divisional Distribution: None

INDSTUDY 1 (003)

Course ID: 150200

Independent Study

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Amanda Lobell*

Topic: Currier House

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course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

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FAS Divisional Distribution: None

INDSTUDY 1 (003)

Independent Study

No meeting time listed

Remei Capdevila Werning

Topic: Winthrop House

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FAS Divisional Distribution: None

INDSTUDY 1 (004)

Independent Study

No meeting time listed

Laura Chivers

Topic: Dudley House

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FAS Divisional Distribution: None

INDSTUDY 1 (004)

Independent Study

No meeting time listed

Laura Chivers

Topic: Dudley House

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FAS Divisional Distribution: None

INDSTUDY 1 (005)

Course ID: 150200
2025 Fall (4 Credits)

Independent Study

No meeting time listed

Instructor Permission Required

Gregory Davis

Topic: Dunster House

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FAS Divisional Distribution: None

INDSTUDY 1 (005)

Course ID: 150200
2026 Spring (4 Credits)

Independent Study

No meeting time listed

Instructor Permission Required

Nicole Simon

Topic: Quincy House

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FAS Divisional Distribution: None

INDSTUDY 1 (006)

Course ID: 150200
2025 Fall (4 Credits)

Independent Study

No meeting time listed

Instructor Permission Required

Andrea Wright

Topic: Elliot House

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FAS Divisional Distribution: None

INDSTUDY 1 (006)

Course ID: 150200

Independent Study

2026 Spring (4 Credits)

*No meeting time listed**Instructor Permission Required**Luke Leafgren*

Topic: Mather House

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

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FAS Divisional Distribution: None

INDSTUDY 1 (007)

Course ID: 150200

Independent Study

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**John Nowak*

Topic: Leverett House

Independent Study is designed to provide credit for field research, academic study not available in regular course work, or practice or performance in the arts. What distinguishes a suitable project is the application of analytical skills to the object of Independent Study. Any sophomore, junior, or senior whose previous record is satisfactory may petition to undertake Independent Study for non-letter-graded credit. Students may access the petition for Independent Study on the Office of Undergraduate Education website.

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FAS Divisional Distribution: None

INDSTUDY 1 (007)

Course ID: 150200

Independent Study

2026 Spring (4 Credits)

*No meeting time listed**Instructor Permission Required**John Nowak*

Topic: Leverett House

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FAS Divisional Distribution: None

INDSTUDY 1 (008)

Course ID: 150200

Independent Study

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required*

Annie Park

Topic: Lowell House

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FAS Divisional Distribution: None

INDSTUDY 1 (008)

Independent Study

No meeting time listed

Charles Lockwood

Topic: Adams House

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FAS Divisional Distribution: None

INDSTUDY 1 (009)

Independent Study

No meeting time listed

Luke Leafgren

Topic: Mather House

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FAS Divisional Distribution: None

INDSTUDY 1 (009)

Independent Study

No meeting time listed

Monique Roy

Topic: Pforzheimer House

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Course ID: 150200

2026 Spring (4 Credits)

Instructor Permission Required

Course ID: 150200

2025 Fall (4 Credits)

Instructor Permission Required

Course ID: 150200

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: A student may petition to take up to a total of four, four-credit courses of Independent Study. Independent Study courses are subject to the same rules for dropping and withdrawing as any other course. The petition requires the signatures of a qualified adviser and the student's resident dean, as well as an outline of the student's proposed project. It must be submitted to the Allston Burr Resident Dean for approval, ordinarily in the first week of the term.

FAS Divisional Distribution: None

INDSTUDY 1 (010)

Course ID: 150200
2025 Fall (4 Credits)

Independent Study

No meeting time listed

Instructor Permission Required

Monique Roy

Topic: Pforzheimer House

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FAS Divisional Distribution: None

INDSTUDY 1 (011)

Course ID: 150200
2025 Fall (4 Credits)

Independent Study

No meeting time listed

Instructor Permission Required

Nicole Simon

Topic: Quincy House

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FAS Divisional Distribution: None

INDSTUDY 1 (011)

Course ID: 150200
2026 Spring (4 Credits)

Independent Study

No meeting time listed

Instructor Permission Required

Catherine Shapiro, Amanda Lobell

Topic: Currier House

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INDSTUDY 1 (012)

Course ID: 150200

Independent Study

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Remei Capdevila Werning

Topic: Winthrop House

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FAS Divisional Distribution: None

INDSTUDY 1 (012)

Course ID: 150200

Independent Study

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Gregory Davis

Topic: Dunster House

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FAS Divisional Distribution: None

INDSTUDY 1 (013)

Course ID: 150200

Independent Study

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Ken Thomas

Topic: Cabot House

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FAS Divisional Distribution: None

INDSTUDY 1 (013)

Course ID: 150200

Independent Study

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Andrea Wright

Topic: Elliot House

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FAS Divisional Distribution: None

INDSTUDY 1 (014)

Course ID: 150200

Independent Study

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Ken Thomas

Topic: Cabot House

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FAS Divisional Distribution: None

INDSTUDY 298

Course ID: 161076

Independent Study for Research Scholars

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Gisselle Vélez-Ruiz

This course is for GSAS, non-degree, Special Students.

Course Note: This course is letter graded.

FAS Divisional Distribution: None

INDSTUDY 298 (1)

Course ID: 161076

Independent Study for Research Scholars

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Gisselle Vélez-Ruiz

This course is for GSAS, non-degree, Special Students.

Course Note: This course is letter graded.

FAS Divisional Distribution: None

TIME-R 1	Course ID: 149447
TIME: Research Related Work for Exchange Scholars and Visiting Fellows	2025 Fall (2 Credits)

TIME-R 2	Course ID: 222907
TIME: Research Related Work for Exchange Scholars and Visiting Fellows	2025 Fall (4 Credits)

TIME-R 2	Course ID: 222907
TIME: Research Related Work for Exchange Scholars and Visiting Fellows	2026 Spring (4 Credits)

Organismic and Evolutionary Biology

Organismic & Evolutionary Biol

OEB 10	Course ID: 144594
Foundations of Biological Diversity	2025 Fall (4 Credits)

MWF 1030 AM - 1145 AM

Peter Girguis, Mansi Srivastava, Elena Kramer, Oggenka Avramovska, Oggenka Avramovska

An integrated approach to the diversity of life, emphasizing how chemical, physical, genetic, ecological and geologic processes contribute to the origin and maintenance of biological diversity. Topics to be covered include the evolution of metabolic pathways, multicellularity and structural complexity; causes and consequences of differences in diversity over space and time; the role of species interactions (including symbioses) as an evolutionary force; and the evolution of humans and their impact on the environment.

This course requires students to choose timed sections during registration.

Knowledge of introductory molecular, cellular biology, and genetics is recommended.

FAS Divisional Distribution: Science & Engineering & Applied Science

OEB 50	Course ID: 130236
Genetics and Genomics	2025 Fall (4 Credits)

TR 1030 AM - 1145 AM

Daniel Hartl, Robin Hopkins

Fundamental concepts in genetics and genomics forming a critical foundation for biology approached from two perspectives: (1) as a body of knowledge pertaining to genetic transmission, function, mutation, and evolution in eukaryotes and prokaryotes; and (2) as an experimental approach providing a toolkit for the study of biological processes such as development and behavior. Topics include structure, function, transmission, linkage, mutation, and manipulation of genes; genetic approaches in experimental studies of biological processes; and analysis of genomes in individuals and populations. Related ethical issues also discussed include genetically modified organisms, gene therapy, genetic testing, personalized medicine, and genetic privacy.

FAS Divisional Distribution: Science & Engineering & Applied Science

OEB 51

Biology and Evolution of Invertebrate Animals

MWF 1030 AM - 1145 AM

Cassandra Extavour, Gonzalo Giribet

Course ID: 144597

2026 Spring (4 Credits)

Instructor Permission Required

Introduction to invertebrate diversity, will cover the development, adult anatomy, biology and evolutionary relationships of the main animal phyla including sponges, mollusks, annelids and arthropods among others. Special emphasis is placed on understanding the broad diversity of animal forms and their adaptations to different ecosystems and how these phenomena shape animal evolution. Lectures will be complemented with a mandatory weekly lab, and the course includes a field trip to different areas of outstanding marine diversity in the Caribbean.

Course Note: Optional field trip to the Caribbean for research during spring break. Mandatory Lab component: Wednesdays, 3:00-5:45 PM.

LS1b, OEB 10, OEB 53 or permission of instructor required.

FAS Divisional Distribution: Science & Engineering & Applied Science

OEB 52

Biology of Plants

TR 0900 AM - 1015 AM

Noel Holbrook, Elena Kramer

Course ID: 131579

2026 Spring (4 Credits)

Introduction to the structure, diversity, and physiology of plants with an emphasis on evolutionary relationships and adaptations to life on land. Topics include growth, resource acquisition, interactions with other organisms (i. e., fungi, bacteria, insects), reproduction, and survival in extreme environments. Laboratory sessions provide an overview of plant and diversity and an introduction to basic physiological processes.

FAS Divisional Distribution: Science & Engineering & Applied Science

OEB 53

Evolutionary Biology

MWF 0130 PM - 0245 PM

Andrew Berry

Course ID: 142224

2025 Fall (4 Credits)

The course covers micro- and macro-evolution, ranging in its focus from population genetics through molecular evolution to the grand patterns of the fossil record. Topics emphasized include both natural and sexual selection, the ecological context of adaptation, genomic and developmental mechanisms of evolutionary innovation, speciation, phylogenetics, and evolutionary approaches to human problems.

Life Sciences 1B or permission of the instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

OEB 55

Ecology: Populations, Communities, and Ecosystems

TR 0130 PM - 0245 PM

Andrew Davies, Benton Taylor

Course ID: 132206

2025 Fall (4 Credits)

This course examines the relationships of organisms to their environment at the individual, population, and community level. The course covers topics in both pure and applied ecology including: adaptations to the physical environment, population dynamics, competition, predator-prey interactions, community ecology, ecosystem structure, stability, and function, the ecology of infectious diseases, and natural resource management.

Mathematics 1a or 1b.

FAS Divisional Distribution: Science & Engineering & Applied Science

OEB 56

The History and Evolution of Life on Earth

MW 1030 AM - 1145 AM

Javier Ortega-Hernandez, Nadja Drabon

Course ID: 130331

2026 Spring (4 Credits)

Instructor Permission Required

Within our solar system, Earth is distinguished as the planet with life. Living organisms are complex entities that originated from planetary processes, have been sustained by the same processes for approximately four billion years, and have fundamentally affected the functioning and composition of the Earth's surface and atmosphere. In this course we will investigate the ways that Earth and life interact with each other, focusing on the biogeochemical cycles of major elements, and the interplay between complex organisms and their ever-changing environment. This will provide a framework for interpreting the fascinating history of life reconstructed from a comprehensive understanding of the rock record, the diversity of life through time, and evolutionary biology.

Course Note: Course includes a weekly three-hour lab to be arranged and one domestic or international field trip during the Spring Break. OEB 56 is also offered as EPS 56. Students may not take both for credit. This course fulfills the EPS sub-discipline requirement of Earth History and Geobiology.

EPS 10, OEB 10, or Life Sciences 1b, or permission of instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

OEB 57

Animal Behavior

TR 1030 AM - 1145 AM

Bence Olveczky, Naomi Pierce

Course ID: 131446

2026 Spring (4 Credits)

A review of the behavior of animals under natural conditions, with emphasis on both mechanistic and evolutionary approaches. Topics include classical ethology; behavioral endocrinology; behavioral genetics; learning and memory; communication; orientation, migration and biological rhythms; optimal foraging; evolutionary stable strategies; sexual selection; parental investment and mating systems; selfishness, altruism, and reciprocity; and sociality in vertebrates and invertebrates.

FAS Divisional Distribution: Science & Engineering & Applied Science

OEB 91R

Supervised Reading

No meeting time listed

David Haig

Course ID: 156955

2025 Fall (4 Credits)

Supervised reading on topics not covered by regular courses. For OEB concentrators, work may be supervised by faculty in other departments, provided it is co-sponsored by an OEB faculty member. For non-concentrators, work must be directed by an OEB faculty member. Students must submit a registration request to the OEB Undergraduate Office before enrollment. Students cannot take OEB 91r and 99r simultaneously with the same director.

FAS Divisional Distribution: Science & Engineering & Applied Science

OEB 91R

Supervised Reading

No meeting time listed

David Haig, Andrew Berry

Course ID: 156955

2026 Spring (4 Credits)

Supervised reading on topics not covered by regular courses. For OEB concentrators, work may be supervised by faculty in other departments, provided it is co-sponsored by an OEB faculty member. For non-concentrators, work must be directed by an OEB faculty member. Students must submit a registration request to the OEB Undergraduate Office before enrollment. Students cannot take OEB 91r and 99r simultaneously with the same director.

FAS Divisional Distribution: Science & Engineering & Applied Science

OEB 99R

Course ID: 144581

Supervised Research

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

David Haig

Course taken in one or more semesters to obtain credit for independent research, including research toward a senior thesis. Work should be directed by an OEB faculty member or have an OEB faculty sponsor. All students must submit registration materials for OEB 99r at the time of enrollment.

Course Note: Laboratory safety session required.

FAS Divisional Distribution: Science & Engineering & Applied Science

OEB 99R

Course ID: 144581

Supervised Research

2026 Spring (4 Credits)

No meeting time listed

David Haig, Andrew Berry

Course taken in one or more semesters to obtain credit for independent research, including research toward a senior thesis. Work should be directed by an OEB faculty member or have an OEB faculty sponsor. All students must submit registration materials for OEB 99r at the time of enrollment.

Course Note: Laboratory safety session required.

FAS Divisional Distribution: Science & Engineering & Applied Science

OEB 101

Course ID: 156751

Biology of Mammals

2026 Spring (4 Credits)

No meeting time listed

David Haig

An introduction to the biology of mammals. Lectures and laboratories examine the morphology, systematics, natural history, behavior, ecology, evolutionary relationships, and biogeography of all major taxa.

Course Note: First-year students admitted only under exceptional circumstances.

LS 1b or OEB 10 recommended; students who haven't taken either course may require additional study on topics with which they are unfamiliar.

OEB 101 will also include weekend field trips for whale watching and to the zoo.

FAS Divisional Distribution: Science & Engineering & Applied Science

OEB 104

Course ID: 161184

The Mouse in Science and Society

2025 Fall (4 Credits)

TR 0900 AM - 1015 AM

Instructor Permission Required

Kathleen Pritchett-Corning

Mice remain the most popular vertebrates used in biomedical R&D today, with tens of millions of lab mice produced annually in the United States alone. At the same time, mice are commonly studied for their own characteristics that continue to enhance our knowledge about innate mammalian behavior, predator-prey dynamics in changing ecosystems, and reservoir hosts for emerging diseases, to name a few. This course intends to provide a strong foundation in mouse biology, both basic and applied, as well as exposure to cultural and political aspects of the current impact of mice (real or fictitious) on contemporary societal values.

No required preparation. LIFESCI 1A, LIFESCI 1A+1B, LIFESCI 50A, or LIFESCI 50A + 50B recommended.

FAS Divisional Distribution: Science & Engineering & Applied Science

OEB 106

Course ID: 148122

Plant Development and Differentiation

2025 Fall (4 Credits)

TR 0900 AM - 1015 AM

Elena Kramer

A comprehensive lecture course on the developmental biology of plants from fertilization through all phases of vegetative and reproductive growth. Material includes both morphological and genetic studies. Although the main focus of the course is angiosperms, examples are drawn from other lineages of land plants as well. Additional topics include control of cell division and elongation, signal transduction, and hormone response.

Life Sciences 1b and OEB 52 or permission of the instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

OEB 114

Vertebrate Viviparity

MW 0300 PM - 0415 PM

David Haig

Viviparity has evolved many times in vertebrate phylogeny. The course reviews the diversity of parental care in vertebrates and explores the selective forces that have favored the evolution of live-bearing. The evidence for intergenerational conflicts is considered.

Life Sciences 1b or permission of instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 142192
2025 Fall (4 Credits)

OEB 119

Deep Sea Biology

TR 1030 AM - 1145 AM

Peter Girguis

The oceans contain 97% of Earth's water, and host the most disparate ecosystems on the planet. This course provides an introduction to deep ocean habitats, macrofauna and microorganisms. Emphasis is placed on the physiological adaptations of organisms to their environment, as well the role of microbes in mediating oceanic biogeochemical cycles.

Course Note: Lab component.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 145140
2025 Fall (4 Credits)

Instructor Permission Required

OEB 130

Biology of Fishes

MW 1200 PM - 0115 PM

Fishes inhabit diverse aquatic environments including deep seas, intertidal zones, coral reefs, polar waters, the vast Amazonian basin, and great East African lakes. A single fish species may occupy diverse environments through extraordinary long distance horizontal and vertical migrations. To explore this unparalleled diversity, the course emphasizes bridging traditional academic boundaries with integrative analyses of the biology underlying rapid evolutionary radiations and stasis.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 140830
2026 Spring (4 Credits)

Instructor Permission Required

OEB 137

Experimental Design and Statistics for Ecology

TR 1030 AM - 1145 AM

Benton Taylor

Experimental Design and Statistics for Ecology provides a practical "how to" introduction to conducting ecological research. Students gain hands-on experience forming testable questions and hypotheses, designing experiments to test these questions, implementing experimental designs, taking and managing data, and conducting an array of statistical analyses in R statistical software.

Course Note: This course is geared toward senior undergrads and early graduate students.

Course ID: 216474
2025 Fall (4 Credits)

Instructor Permission Required

OEB 140**Speciation: How Do Species Evolve?**

MW 0945 AM - 1145 AM

James Mallet

Speciation, or the origin of species, has been a controversial topic ever since Darwin's 1859 book. Even in the genomic era we are now experiencing, speciation is a frequent topic that demands attention. In this course, we will cover in approximate order: History of ideas in speciation; pre-Darwin, Darwin & Wallace, 1930-1940s, recent. What are species? Species concepts and species delimitation. What is needed to understand speciation? The population genetics of gene flow, and genetic divergence via mutation, drift, and selection The concept of reproductive isolation Brief introduction to coalescent theory and the multi-species coalescent The geography of speciation, including allopatric, parapatric, and sympatric speciation Ecological "races" and ecological speciation Behavioral divergence and mate choice, including "reinforcement" Hybrid inviability and hybrid sterility between species Idealized population genetic models of speciation Chromosomal evolution, genomic rearrangements, and speciation Speciation: caused by natural selection or by genetic drift? Beyond the species: macroevolution and diversification

None. However, LS1B Genetics, OEB 53 Evolutionary Biology, or equivalents may be helpful. Feel free to ask Instructor if in doubt. Instructor will cover relevant biology in case of lack of prior biology background.

FAS Divisional Distribution: Science & Engineering & Applied Science

OEB 141**Biogeography**

TR 0900 AM - 1015 AM

Gonzalo Giribet

Biogeography aims to explain distributions of organisms through historical and ecological factors. This course will focus on the history of biogeographic research, developments in the area of historical biogeography, and on ecological processes that affect distributions of whole clades. Topics include plate tectonics and earth history, vicariance and dispersal, areas of endemism, phylogenetic niche conservatism, latitudinal gradients in species richness, and the theory of island biogeography. Software for biogeographical analysis will be discussed and evaluated.

Two following courses: Life Sciences 1b, OEB 10, OEB 51, OEB 52, OEB 53, OEB 54, OEB 55, OEB 181, or permission of the instructor. There will also be a lab component in addition to the lecture component of the course.

FAS Divisional Distribution: Science & Engineering & Applied Science

OEB 145**Genes and Behavior**

TR 0130 PM - 0245 PM

Yun Zhang

Behavior is inheritable and regulated by genes. This lecture course explores causal links between genes and behavioral traits, aiming to provide mechanistic understanding of how gene products control and influence behavioral outputs. The course will start with discoveries of genes whose mutations contribute to neurological diseases and psychiatric disorders, followed by main research approaches used to investigate genetic basis of behavior and brain function. The class will then have in-depth lectures and discussion on genes that regulate several behavioral traits including olfaction, itch and pain, circadian rhythm, sexual behavior, sleep, learning and memory.

Life Sciences 1a or permission of the instructor

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 220254

2026 Spring (4 Credits)

Course ID: 145864

2025 Fall (4 Credits)

Course ID: 145857

2025 Fall (4 Credits)

OEB 155R

Biology of Insects

WF 0130 PM - 0245 PM

Naomi Pierce

Course ID: 142688

2025 Fall (4 Credits)

Instructor Permission Required

An introduction to the major groups of insects. The life history, morphology, physiology, and ecology of the main taxa are examined through a combination of lecture, lab, and field exercises. Topics include the phylogeny of terrestrial arthropods with a review of the extant orders, an analysis of abiotic and biotic factors regulating populations, including water balance, temperature, migration, parasitism, mutualism, sociality, insect/plant interactions, medical entomology, and the use of insects in biological control.

FAS Divisional Distribution: Science & Engineering & Applied Science

OEB 172

Remote Sensing for Biodiversity and Ecology

TR 1200 PM - 0115 PM

Paul Moorcroft, Jeannine Cavender-Bares

Course ID: 226587

2025 Fall (4 Credits)

Instructor Permission Required

This course will examine how new forms of remote sensing measurement technologies can advance the study of plant biodiversity, ecosystem function and ecology. Topics covered will include: measuring taxonomic and functional biodiversity of land and ocean ecosystems, plant canopy structure via active remote sensing measurements, estimating ecosystem productivity, estimating plant and soil moisture, and linking remote-sensing measurements with ground-based ecosystem measurements.

An undergraduate course in ecology and/or plant biology, or permission of the instructors.

OEB 190

Biology and Diversity of Birds

TR 1200 PM - 0115 PM

Scott Edwards

Course ID: 143846

2026 Spring (4 Credits)

Instructor Permission Required

An introduction to the biology of birds. Covers the fossil record and theories for avian origins, physiology and anatomy, higher-level systematics and field characters of the ~27 orders, speciation processes, nesting and courtship behavior, vocalizations, mating systems and sexual selection, cooperative breeding, demography and conservation. Optional field trip during spring break. Laboratories will consist of gross anatomy, bird watching excursions in the Cambridge area, field techniques and specimen preparation, and systematic study of avian groups using the collections of the Museum of Comparative Zoology.

Course Note: OEB 10 or OEB 53 or permission of the instructor. Students in their third and fourth years are encouraged to enroll in the course.

FAS Divisional Distribution: Science & Engineering & Applied Science

OEB 253R

Evolutionary Genetics Seminar

M 0130 PM - 0245 PM

John Wakeley

Course ID: 131584

2026 Spring (4 Credits)

Instructor Permission Required

Readings and discussion of primary literature in population and evolutionary genetics.

OEB 242, OEB 252 or permission of instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

OEB 275R

Comparative Genomics: Phylogenetic Approaches to Linking Genomes and Phenotypes

T 1200 PM - 0245 PM

Scott Edwards

Course ID: 143845

2025 Fall (4 Credits)

Instructor Permission Required

The course will review the recent literature on so-called "comparative methods" in evolutionary biology – methods examining interspecific patterns of variation in traits, their relationship to rates of speciation and links to variation in the genome. After a series of introductory lectures reviewing phylogenetic analysis, basic models of trait evolution and relevant topics in genome evolution, we will discuss recent efforts to link genomic and phenotypic variation (the "PhyloG2P" paradigm – see Smith et al. 2020, Trends Ecol. Evol. 35: 415-425). Weekly sessions will consist of discussions led by students and by local or remote topic experts, including hands-on sessions working with state-of-the-art software. A final written and analysis project will allow enrollees to apply knowledge and methods to real data sets. Graduate students and undergraduates must enroll; auditing will be allowed only for postdoctoral fellows.

Course Note: Participants should have an account on the FAS Research Computing Odyssey cluster prior to course beginning.

OEB 53, OEB 181, OEB 125 or equivalent, or permission of the instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

OEB 290

Microbial Sciences: Chemistry, Ecology and Evolution

F 0945 AM - 1145 AM

Peter Girguis

This is an interdisciplinary graduate-level and advanced undergraduate-level course in which students explore topics in molecular microbiology, microbial diversity, host-microbe associations in health and disease, and microbially-mediated geochemistry in depth. This course will be taught by faculty from the Microbial Sciences Initiative. Topics include the origins of life, biogeochemical cycles, microbial diversity, and ecology. Course will limit enrollment to 20 students.

Course Note: Offered as OEB 290 and MICROBI 210

For graduate and advanced undergraduate students, Life Sciences 1a and 1b or their equivalent are required, or permission of instructor. MCB 60 or equivalent is recommended.

FAS Divisional Distribution: Science & Engineering & Applied Science

OEB 303

Theoretical Population Genetics

No meeting time listed

John Wakeley

Course ID: 131537

2025 Fall (4 Credits)

Instructor Permission Required

OEB 303

Theoretical Population Genetics

No meeting time listed

John Wakeley

Course ID: 131537

2026 Spring (4 Credits)

Instructor Permission Required

OEB 305

The Fundamental Interconnectedness of All Things

No meeting time listed

David Haig

Course ID: 133893

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

OEB 305

The Fundamental Interconnectedness of All Things

No meeting time listed

David Haig

Course ID: 133893

2026 Spring (4 Credits)

<p>OEB 306</p> <p>Invertebrate Paleobiology and Evolution</p> <p><i>No meeting time listed</i></p> <p><i>Javier Ortega-Hernandez</i></p>	<p>Course ID: 212593</p> <p>2025 Fall (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
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<p>OEB 306</p> <p>Invertebrate Paleobiology and Evolution</p> <p><i>No meeting time listed</i></p> <p><i>Javier Ortega-Hernandez</i></p>	<p>Course ID: 212593</p> <p>2026 Spring (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
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<p>OEB 308</p> <p>Evolution of Floral Developmental Mechanisms</p> <p><i>No meeting time listed</i></p> <p><i>Elena Kramer</i></p>	<p>Course ID: 142234</p> <p>2025 Fall (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
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<p>OEB 308</p> <p>Evolution of Floral Developmental Mechanisms</p> <p><i>No meeting time listed</i></p> <p><i>Elena Kramer</i></p>	<p>Course ID: 142234</p> <p>2026 Spring (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
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<p>OEB 309</p> <p>Evolution, Genomics, and Speciation</p> <p><i>No meeting time listed</i></p> <p><i>James Mallet</i></p>	<p>Course ID: 156737</p> <p>2025 Fall (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
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<p>OEB 309</p> <p>Evolution, Genomics, and Speciation</p> <p><i>No meeting time listed</i></p> <p><i>James Mallet</i></p>	<p>Course ID: 156737</p> <p>2026 Spring (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
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<p>OEB 310</p> <p>Metazoan Systematics</p> <p><i>No meeting time listed</i></p> <p><i>Gonzalo Giribet</i></p>	<p>Course ID: 148072</p> <p>2025 Fall (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
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<p>OEB 310</p> <p>Metazoan Systematics</p> <p><i>No meeting time listed</i></p> <p><i>Gonzalo Giribet</i></p>	<p>Course ID: 148072</p> <p>2026 Spring (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
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<p>OEB 311</p> <p>Ecosystem Ecology</p> <p><i>No meeting time listed</i></p> <p><i>Paul Moorcroft</i></p>	<p>Course ID: 143020</p> <p>2025 Fall (4 Credits)</p> <p><i>Instructor Permission Required</i></p>
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OEB 311	Course ID: 143020
Ecosystem Ecology	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Paul Moorcroft</i>	

OEB 314	Course ID: 213667
Landscape Ecology	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Andrew Davies</i>	

OEB 314	Course ID: 213667
Landscape Ecology	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Andrew Davies</i>	

OEB 320	Course ID: 131538
Biomechanics and Evolution of Vertebrates	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>George Lauder</i>	

OEB 320	Course ID: 131538
Biomechanics and Evolution of Vertebrates	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>George Lauder</i>	

OEB 321	Course ID: 204093
Evolution of Regeneration and Development	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Mansi Srivastava</i>	

FAS Divisional Distribution: None

OEB 321	Course ID: 204093
Evolution of Regeneration and Development	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Mansi Srivastava</i>	

FAS Divisional Distribution: None

OEB 323	Course ID: 144847
Advanced Vertebrate Anatomy	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Stephanie Pierce</i>	

FAS Divisional Distribution: None

OEB 323
Advanced Vertebrate Anatomy
No meeting time listed
Stephanie Pierce

Course ID: 144847
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

OEB 324
Molecular Evolution
No meeting time listed
Daniel Hartl

Course ID: 131405
2026 Spring (4 Credits)

FAS Divisional Distribution: None

OEB 324
Molecular Evolution
No meeting time listed
Daniel Hartl

Course ID: 131405
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

OEB 334
Behavioral Ecology
No meeting time listed
Naomi Pierce

Course ID: 144912
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

OEB 334
Behavioral Ecology
No meeting time listed
Naomi Pierce

Course ID: 144912
2026 Spring (4 Credits)

FAS Divisional Distribution: None

OEB 339
Whole-Plant Physiology
No meeting time listed
Noel Holbrook

Course ID: 142435
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

OEB 339

Whole-Plant Physiology

No meeting time listed

Noel Holbrook

Course ID: 142435
2026 Spring (4 Credits)

FAS Divisional Distribution: None

OEB 341

Coevolution

No meeting time listed

Brian Farrell

Course ID: 131524
2026 Spring (4 Credits)

FAS Divisional Distribution: None

OEB 341

Coevolution

No meeting time listed

Brian Farrell

Course ID: 131524
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

OEB 343

Microbial Ecology and Symbiosis

No meeting time listed

Colleen Cavanaugh

Course ID: 131235
2026 Spring (4 Credits)

FAS Divisional Distribution: None

OEB 343

Microbial Ecology and Symbiosis

No meeting time listed

Colleen Cavanaugh

Course ID: 131235
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

OEB 351

Plant Ecology, Diversity, and Function

No meeting time listed

Jeannine Cavender-Bares

Course ID: 224980
2025 Fall (4 Credits)

Instructor Permission Required

OEB 351

Plant Ecology, Diversity, and Function

No meeting time listed

Jeannine Cavender-Bares

Course ID: 224980
2026 Spring (4 Credits)

Instructor Permission Required

OEB 362	Course ID: 148190
Research in Molecular Evolution	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Scott Edwards	

OEB 362	Course ID: 148190
Research in Molecular Evolution	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Scott Edwards	

OEB 363	Course ID: 148213
Plant Diversity and Evolution	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Charles Davis	

OEB 363	Course ID: 148213
Plant Diversity and Evolution	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Charles Davis	

OEB 364	Course ID: 144166
Ecological Physiology of Microbes	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Peter Girguis	

OEB 364	Course ID: 144166
Ecological Physiology of Microbes	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Peter Girguis	

OEB 369	Course ID: 145004
Molecular Genetics of Neuroscience	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Yun Zhang	

FAS Divisional Distribution: None

OEB 369	Course ID: 145004
Molecular Genetics of Neuroscience	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
Yun Zhang	

FAS Divisional Distribution: None

OEB 370	Course ID: 145035
Mammalian Evolutionary Genetics	2025 Fall (4 Credits)

No meeting time listed
Hopi Hoekstra

Instructor Permission Required

FAS Divisional Distribution: None

OEB 370
Mammalian Evolutionary Genetics

No meeting time listed
Hopi Hoekstra

Course ID: 145035
2026 Spring (4 Credits)

FAS Divisional Distribution: None

OEB 371
Comparative and Evolutionary Invertebrate Developmental Biology

No meeting time listed
Cassandra Extavour

Course ID: 148304
2025 Fall (4 Credits)
Instructor Permission Required

OEB 371
Comparative and Evolutionary Invertebrate Developmental Biology

No meeting time listed
Cassandra Extavour

Course ID: 148304
2026 Spring (4 Credits)
Instructor Permission Required

OEB 372
Neural Basis of Learned Motor Behaviors

No meeting time listed
Bence Olveczky

Course ID: 145451
2025 Fall (4 Credits)
Instructor Permission Required

OEB 372
Neural Basis of Learned Motor Behaviors

No meeting time listed
Bence Olveczky

Course ID: 145451
2026 Spring (4 Credits)
Instructor Permission Required

OEB 375
Evolutionary Dynamics and Population Genetics

No meeting time listed
Michael Desai

Course ID: 146222
2025 Fall (4 Credits)
Instructor Permission Required

OEB 375
Evolutionary Dynamics and Population Genetics

No meeting time listed
Michael Desai

Course ID: 146222
2026 Spring (4 Credits)
Instructor Permission Required

OEB 380
Neurobiological Basis of Behavior

No meeting time listed
Benjamin de Bivort

Course ID: 130822
2025 Fall (4 Credits)
Instructor Permission Required

OEB 380	Course ID: 130822
Neurobiological Basis of Behavior	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Benjamin de Bivort</i>	
OEB 383	Course ID: 217388
Terrestrial Global Change Ecology - Biotic and Abiotic Biosphere Processes in a Changing World	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Benton Taylor</i>	
OEB 383	Course ID: 217388
Terrestrial Global Change Ecology - Biotic and Abiotic Biosphere Processes in a Changing World	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Benton Taylor</i>	
OEB 385	Course ID: 146224
Natural Selection in Humans and Pathogens	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Pardis Sabeti</i>	
OEB 385	Course ID: 146224
Natural Selection in Humans and Pathogens	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Pardis Sabeti</i>	
OEB 386	Course ID: 148330
Organismic and Evolutionary Plant Biology	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>William Friedman</i>	
OEB 386	Course ID: 148330
Organismic and Evolutionary Plant Biology	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>William Friedman</i>	
OEB 387	Course ID: 159947
Plant Evolution and Speciation	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Robin Hopkins</i>	
OEB 387	Course ID: 159947
Plant Evolution and Speciation	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Robin Hopkins</i>	

OEB 399

Topics in Organismic and Evolutionary Biology

W 0300 PM - 0500 PM

Benjamin de Bivort

Course ID: 148242

2025 Fall (4 Credits)

Instructor Permission Required

OEB 399

Topics in Organismic and Evolutionary Biology

W 0300 PM - 0500 PM

Benjamin de Bivort

Course ID: 148242

2026 Spring (4 Credits)

Instructor Permission Required

Life Sciences

LIFESCI 2

Evolutionary Human Physiology and Anatomy

MWF 1200 PM - 0115 PM

Stephanie Pierce, Joanne Clark-Matott, Andrew Yegian, Rachel Carmody, Rachel Carmody

Why is the human body the way that it is? This course explores human anatomy and physiology from an integrated framework, combining functional, comparative, and evolutionary perspectives on how organisms work. Major topics, which follow a life-course framework, include embryogenesis, metabolism and energetics, growth and development, movement and locomotion, food and digestion, stress and disease, and reproduction. Also considered is the relevance of human biology to contemporary issues in human health and biology.

Course Note: This course includes a weekly 3-hour lab. This course may not be taken Pass/Fail.

LIFESCI 1A or permission of instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

Philosophy

Philosophy

PHIL 9

Empiricists, Scientists, and Charlatans: An Introduction to the Philosophy of Science

TR 1030 AM - 1145 AM

Jeffrey McDonough

Science has become a defining feature of modern life. But what is science? How did it arise? What are its foundations and implications? In this introductory-level course, students will explore key philosophical ideas such as empiricism, evidence, induction, naturalism, realism, and explanation, as well as the relationships between science, philosophy, and society. They will emerge with a deeper, more nuanced understanding of the nature of modern science and be positioned to form considered views concerning its presuppositions, commitments, and consequences.

FAS Divisional Distribution: Arts and Humanities

PHIL 16

Sex, Love, and Friendship

TR 1030 PM - 1145 PM

This course is about love, sex and friendship. Philosophers spend a lot of time thinking about the structure of thought, language, and reasons. They have, at least in the western tradition, paid less attention to the more visceral and emotional aspects of human experience. In this course, we'll use some of the tools developed in philosophy to examine questions central to most of our lives: what makes a relationship a friendship?; what do we owe our friends, and how can we be good friends?; what is love, and why is it such an important feature of human life?; when is love bad, and when is it good?; what is sex?; when is sex wrong, and when is it good?; can friends be lovers?

FAS Divisional Distribution: Arts and Humanities

PHIL 18

Human Ethics: A Brief History

MW 0300 PM - 0415 PM

Seth Robertson

Course ID: 141608

2026 Spring (4 Credits)

Instructor Permission Required

Does might make right? Should a person focus on achieving immortality or on living a simple, happy mortal life? Is morality simply a matter of convention? Why be moral when being immoral could provide access to more wealth, fame, and power? What is the relationship between etiquette and morality? What do people owe a society that has failed in its obligations to its people? How can we identify and resist oppression, marginalization, and injustice? Human beings all over the world have been thinking about, discussing, and debating questions like these for thousands of years. This course aims to look at this history of ethics and moral philosophy from a genuinely inclusive perspective by focusing on ethical thought both from all over the world, with special emphasis on that of members of traditionally marginalized groups and from areas of the world that typically receive much less attention in academic philosophy and ethics.

FAS Divisional Distribution: Arts and Humanities

PHIL 27

Truth, Lies, and the Press

R 1245 PM - 0245 PM

Susanna C. Siegel

Course ID: 218341
2025 Fall (4 Credits)

Instructor Permission Required

An overview of the philosophy of journalism: basic questions about journalism's roles and aspirations in mass society, and the challenges and pitfalls that surround them. Topics include the professionalization of journalism; its roles in democracy, in the decline of democracy, and in authoritarianism; the varieties of objectivity; what should count as news; social media; and ethical questions that arise in reporting. Readings by Abramson, Arendt, Dewey, Douglass, Lasch, Lippmann, Rosen, Schudson, Wells-Barnett, Wu, and others.

FAS Divisional Distribution: Arts and Humanities

PHIL 91R

Supervised Reading and Research

No meeting time listed

Ned Hall

Course ID: 110932
2025 Fall (4 Credits)

Instructor Permission Required

Graded independent study under faculty supervision. Interested students need approval of Director of Undergraduate Studies for their topic and must propose a detailed syllabus before the beginning of term.

FAS Divisional Distribution: Arts and Humanities

PHIL 91R

Supervised Reading and Research

No meeting time listed

Ned Hall

Course ID: 110932
2026 Spring (4 Credits)

Instructor Permission Required

Graded independent study under faculty supervision. Interested students need approval of Director of Undergraduate Studies for their topic and must propose a detailed syllabus before the beginning of term.

FAS Divisional Distribution: Arts and Humanities

PHIL 97

Tutorial I

W 1245 PM - 0245 PM

John Abughattas

Topic: Pol Phil of French/Haitian Rev

Required of all concentrators, joint concentrators, and students pursuing a secondary in philosophy.

Course Note: Tutorials are not shopped. For details on topics, meeting times, and how to sign up, please be sure to visit the course website before the beginning of term.

Course ID: 122989
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Arts and Humanities

PHIL 97 Course ID: 122989
Tutorial I 2026 Spring (4 Credits)
R 1200 PM - 0200 PM *Instructor Permission Required*
Seth Robertson
Topic: Finding Meaning in Modern Life
Required of all concentrators, joint concentrators, and students pursuing a secondary in philosophy.
Course Note: Tutorials are not shopped. For details on topics, meeting times, and how to sign up, please be sure to visit the course website before the beginning of term.

FAS Divisional Distribution: Arts and Humanities

PHIL 97 (002) Course ID: 122989
Tutorial I 2025 Fall (4 Credits)
W 0300 PM - 0500 PM *Instructor Permission Required*
Florence Bacus
Topic: Rational Belief and Action
Required of all concentrators, joint concentrators, and students pursuing a secondary in philosophy.
Course Note: Tutorials are not shopped. For details on topics, meeting times, and how to sign up, please be sure to visit the course website before the beginning of term.

FAS Divisional Distribution: Arts and Humanities

PHIL 97 (003) Course ID: 122989
Tutorial I 2025 Fall (4 Credits)
W 0945 AM - 1145 AM *Instructor Permission Required*
Lucy Johnson
Topic: Human Freedom: Early Mod Phil
Required of all concentrators, joint concentrators, and students pursuing a secondary in philosophy.
Course Note: Tutorials are not shopped. For details on topics, meeting times, and how to sign up, please be sure to visit the course website before the beginning of term.

FAS Divisional Distribution: Arts and Humanities

PHIL 97 (004) Course ID: 122989
Tutorial I 2025 Fall (4 Credits)
T 1245 PM - 0245 PM *Instructor Permission Required*
Selorm Ohene
Topic: Why Does History Matter to Phi
Required of all concentrators, joint concentrators, and students pursuing a secondary in philosophy.
Course Note: Tutorials are not shopped. For details on topics, meeting times, and how to sign up, please be sure to visit the course website before the beginning of term.

FAS Divisional Distribution: Arts and Humanities

PHIL 97 (005) Course ID: 122989
Tutorial I 2025 Fall (4 Credits)
M 0300 PM - 0500 PM *Instructor Permission Required*
Isaijah Shadrach
Topic: Political Phil of Anarchism
Required of all concentrators, joint concentrators, and students pursuing a secondary in philosophy.
Course Note: Tutorials are not shopped. For details on topics, meeting times, and how to sign up, please be sure to visit the course website before the beginning of term.

FAS Divisional Distribution: Arts and Humanities

PHIL 97 (006)

Course ID: 122989

Tutorial I

2025 Fall (4 Credits)

M 0345 PM - 0545 PM

Instructor Permission Required

Ryan Sirk

Topic: Phil of Low Brow Media

Required of all concentrators, joint concentrators, and students pursuing a secondary in philosophy.

Course Note: Tutorials are not shopped. For details on topics, meeting times, and how to sign up, please be sure to visit the course website before the beginning of term.

FAS Divisional Distribution: Arts and Humanities

PHIL 98

Course ID: 116407

Tutorial II

2025 Fall (4 Credits)

T 0945 AM - 1145 AM

Instructor Permission Required

Gina Schouten

Topic: Feminist Ethics & Epistemology

Required of all concentrators.

Course Note: Required of all concentrators.

Tutorials are not shopped. For details on topics, meeting times, and how to sign up, please be sure to visit the course website before the beginning of term.

FAS Divisional Distribution: Arts and Humanities

PHIL 98

Course ID: 116407

Tutorial II

2026 Spring (4 Credits)

T 1245 PM - 0245 PM

Instructor Permission Required

Ned Hall, Seth Robertson

Topic: Phil Theories or Humor

Required of all concentrators.

Course Note: Required of all concentrators.

Tutorials are not shopped. For details on topics, meeting times, and how to sign up, please be sure to visit the course website before the beginning of term.

FAS Divisional Distribution: Arts and Humanities

PHIL 98 (003)

Course ID: 116407

Tutorial II

2025 Fall (4 Credits)

T 0300 PM - 0500 PM

Instructor Permission Required

Yuan Tian

Topic: Beyond Evidence

Required of all concentrators.

Course Note: Required of all concentrators.

Tutorials are not shopped. For details on topics, meeting times, and how to sign up, please be sure to visit the course website before the beginning of term.

FAS Divisional Distribution: Arts and Humanities

PHIL 98 (004)

Course ID: 116407

Tutorial II

2025 Fall (4 Credits)

W 0945 AM - 1145 AM

Instructor Permission Required

Mustafa Aziz

Topic: Thinking & Being: Plato & Arist

Required of all concentrators.

Course Note: Required of all concentrators.

Tutorials are not shopped. For details on topics, meeting times, and how to sign up, please be sure to visit the course website before the beginning of term.

FAS Divisional Distribution: Arts and Humanities

PHIL 99

Tutorial - Senior Year

No meeting time listed

Ned Hall, Seth Robertson

Students writing a senior thesis in philosophy enroll in PHIL 99.

Course Note: For details on the senior thesis writing process, please consult the document "Steps to writing a senior thesis" on the course website.

FAS Divisional Distribution: Arts and Humanities

Course ID: 113888

2025 Fall (4 Credits)

Instructor Permission Required

PHIL 99

Tutorial - Senior Year

No meeting time listed

Ned Hall

Students writing a senior thesis in philosophy enroll in PHIL 99.

Course Note: For details on the senior thesis writing process, please consult the document "Steps to writing a senior thesis" on the course website.

FAS Divisional Distribution: Arts and Humanities

Course ID: 113888

2026 Spring (4 Credits)

Instructor Permission Required

PHIL 109

Early Chinese Ethics

MW 0430 PM - 0545 PM

Seth Robertson

Early (Pre-Qin era) China was a hotbed of philosophical activity: scholars developed careful and fascinating ethical views in the context of serious philosophical debates between major schools of thought. This course focuses on some of these ethical debates between Confucian, Mohist, Daoist, and Legalist philosophers in early China. We'll read both classical texts such as the Analects of Confucius, Mengzi, Xunzi, Mozi, and Zhuangzi and important contemporary scholarship on these texts. Several moral questions will be of particular importance:

What is the relationship between etiquette and morality? What are the most important virtues to acquire? Should we think of morality and moral development as something natural or artificial? Are we justified in caring more about some people (our closest friends and family) than others? We will have a special focus on three important interpretive themes for the course: (1) How can understanding the particular contours of the debates each scholar is engaged in help us understand their overall views? (2) How does each philosopher's view of human psychology and epistemology constrain, guide, and support their moral theorizing? (3) How can an understanding of early Chinese ethical thought, theory, and debate help enrich contemporary discussions in ethics and moral philosophy? No previous experience or coursework in Chinese philosophy is required for this course.

FAS Divisional Distribution: Arts and Humanities

Course ID: 213581

2025 Fall (4 Credits)

Instructor Permission Required

PHIL 125

Beyond Dualism: Descartes and His Critics

MW 0130 PM - 0245 PM

Alison Simmons

Few metaphysicians would identify as Cartesian dualists today. Nevertheless, it's hard to deny that we live in a

Course ID: 121954

2025 Fall (4 Credits)

Instructor Permission Required

world shaped by Cartesian dualism: we distinguish somatic health from mental health; we dissociate our minds from our bodies on a long run; we try to get the mind back into the body through yoga. After looking at the two sides of Cartesian dualism, Cartesian body and Cartesian mind, we will consider some of the notorious metaphysical problems it gives rise to and six 17th-century attempts to push back against it in the figures of Princess Elizabeth of Bohemia, the Cambridge Platonists Henry More and Ralph Cudworth, Margaret Cavendish, Anne Conway, and Anton Wilhelm Amo.

FAS Divisional Distribution: Arts and Humanities

PHIL 138

Heidegger's Being and Time

TR 0900 AM - 1015 AM

Peter Gordon

Martin Heidegger's famous first book, *Being and Time*, is one of the most important philosophical works of the twentieth century. It existentializes Aristotle's ontology, systematizes the existential insights of Kierkegaard and Nietzsche, and on that basis offers a radical critique of Husserl's phenomenological account of intentionality. The result is a dramatically original and compelling interpretation of the human condition. This interpretation leads, in turn, to an account of the nature of philosophical and scientific inquiry, as well as their limitations. *Being and Time* has important implications for all those disciplines that study human beings. In this course we will explore major themes of this often bewildering work, with an emphasis on charitable interpretation: What is the 'question of Being'? What is the relationship between theoretical knowledge and understanding-by-doing? What is the nature of our social being? What does it mean to be 'inauthentic' or 'authentic,' and what are the implications of human finitude? Finally, what is the 'Question of Being'?

Course Notes: This course is equivalent to Phil. 138. Credit may be earned for History 83 or Phil. 138, but not both. This course meets the "Beyond North America" History Concentration requirement. Class Notes: This class requires students to enroll in an untimed, placeholder section during registration and to submit time preferences. Sections will be assigned immediately after registration based on student interest and preferences.

FAS Divisional Distribution: Arts and Humanities

PHIL 143

Mathematical Logic I: Logic -- Completeness

WF 1030 AM - 1145 AM

Peter Koellner

An introduction to first-order logic (the basis of mathematical reasoning) from a meta-mathematical point of view. Topics include: The axiomatic method, the principles of first-order logic, the meta-mathematical point of view, the central theorems (soundness and completeness), and the expressive limitations (Löwenheim-Skolem).

Requires: Anti-requisite: Cannot be taken for credit if MATH 141A or MATH 143 already complete or in progress.

FAS Divisional Distribution: Arts and Humanities

PHIL 144

Mathematical Logic II: Mathematics -- Incompleteness

WF 1030 AM - 1145 AM

Peter Koellner

An introduction to limitative results in mathematics from a meta-mathematical point of view. Topics include: Gödel's incompleteness theorems, Turing's analysis of computability, and the hierarchy of mathematical systems as ordered under interpretability.

Requires: Anti-requisite: Cannot be taken for credit if MATH 144 already complete or in progress.

PHIL 146

Formal Methods in Philosophy

MW 0130 PM - 0245 PM

Ned Hall, Mark Richard

A survey, with applications, of key formal methods in philosophy: logic, possible worlds semantics, probability

Course ID: 000138

2025 Fall (4 Credits)

Course ID: 137008

2025 Fall (4 Credits)

Instructor Permission Required

Course ID: 135148

2026 Spring (4 Credits)

Instructor Permission Required

Course ID: 119554

2025 Fall (4 Credits)

theory, decision theory, selected others (time permitting). Students will gain a solid understanding of and ability to work with these tools, both through problems sets and through examination of their successful and unsuccessful deployment in the literature. Undergraduate students must have completed PHIL 4 or equivalent material before taking this course.

FAS Divisional Distribution: Arts and Humanities

PHIL 151

Philosophy of Quantum Theory

TR 0130 PM - 0245 PM

Jacob Barandes

Course ID: 119414
2026 Spring (4 Credits)

Instructor Permission Required

Quantum theory is our most empirically successful scientific framework. The theory reliably accounts for the measurement results of atomic clocks and particle accelerators to many decimal places, and much of our modern technology relies on it. However, the theory's axiomatic foundations are arguably either inconsistent or incomplete, and there is still no consensus over what the theory entails about the world. This course will cover the century-long effort to resolve these mysteries and others, a story that features fantastical notions like parallel universes, pilot waves, quasi-probabilities, alive-and-dead cats, and spooky action at a distance. Throughout the course, we will engage with many relevant questions in philosophy, from determinism and causation to epistemology and the meaning of probability. Assessments: The course will have weekly homework assignments consisting of a mixture of primary-source readings, short essays, and mathematical exercises. The course will not have any exams. We will conclude with a final paper on a topic that students can choose from a list of available prompts.

Required Prep: Students should be comfortable with algebra at a level covered in most high schools. A prior experience with single-variable calculus may also be helpful.

FAS Divisional Distribution: Arts and Humanities

PHIL 156

Philosophy of Mind

TR 0130 PM - 0245 PM

Cheryl Chen

Course ID: 113339
2026 Spring (4 Credits)

A philosophical examination of the mind and its relation to the natural world. Topics include: the mind – body problem, consciousness, other minds, animal cognition, and artificial intelligence. Readings will consist primarily of influential papers from the latter half of the 20th Century.

FAS Divisional Distribution: Arts and Humanities

PHIL 158C

The Spontaneous Flow of Thought

No meeting time listed

Susanna C. Siegel

Course ID: 224601
2026 Spring (4 Credits)

Instructor Permission Required

Topics to be examined include perception, mind-wandering, roles for attention in dynamics of thought, and the psychological dimensions of inquiry.

FAS Divisional Distribution: Arts and Humanities

PHIL 159

Epistemology

TR 1200 PM - 0115 PM

Selim Berker

Course ID: 114155
2025 Fall (4 Credits)

An introduction to the theory of knowledge. Topics include skepticism about the external world, the analysis of knowledge, sensitivity and safety, the regress of reasons, foundationalism vs. infinitism vs. coherentism, and internalism vs. externalism.

PHIL 159S

Skepticism

R 1245 PM - 0245 PM

Susanna Rinard

Course ID: 156126
2026 Spring (4 Credits)

Instructor Permission Required

This course will primarily focus on attempts to develop a workable skeptical philosophy. Much effort has been, and continues to be, expended in trying to defeat, or argue against, or undermine, skepticism. Here we will look at what happens if we take seriously the possibility that skepticism is actually true. How can we build a philosophy, and a life, that acknowledges the truth of skepticism? We will look at a number of different attempts to do this from a wide range of times. We will pay particular attention to the Ancient Greek Pyrrhonians and the Ancient Chinese philosopher Zhuangzi, reading both the original texts and later commentaries on them. Note: This course is in the process of being re-designed and some readings and topics may change substantially.

This is a challenging, high-level class only suitable for those with substantial background in philosophy. Students will be admitted to the course on a case-by-case basis, if the instructor deems they have sufficient background.

FAS Divisional Distribution: Arts and Humanities

PHIL 164

Metaphysics

TR 0130 PM - 0245 PM

Quyen Pham

Course ID: 156025
2025 Fall (4 Credits)

Metaphysics is the branch of philosophy that asks and seeks to answer questions about the most fundamental aspects of reality: What kinds of things are there? When do two things make up another thing? What does it mean for one thing to be like another? How do things change while still being themselves? This course will introduce you to some of the most basic concepts and tools of metaphysics that will enable you to understand questions such as these and attempts to answer them, and ultimately to pose your own questions and craft your own answers. We will begin by investigating the nature and structure of ordinary objects, such as tables and chairs. We will then turn to questions concerning objects in space and time, as well as the nature and structure of space and time themselves. Along the way, we will also consider more curious entities such as holes and clouds, and explore connections to physics and science fiction, from the idea of extra spatial dimensions to the possibility of time travel.

FAS Divisional Distribution: Arts and Humanities

PHIL 165

The Structure of the Social World

W 0300 PM - 0500 PM

Quyen Pham

Course ID: 212884
2025 Fall (4 Credits)

Instructor Permission Required

Philosophy is taking an exciting social turn. This course will take you on a tour through the vast and quickly expanding field that is social ontology—from social entities, such as clubs, teams, families, and businesses, to social identities such as particular races, genders, and disabilities, and finally to social phenomena as varied as art, food, and money. We will examine the reality and nature of these elements of the social world in the context of foundational metaphysical questions such as identity, composition, and persistence, while considering the significance of different answers to these questions for related ethical and political issues such as agency, responsibility, and justice.

FAS Divisional Distribution: Arts and Humanities

PHIL 165S

Gender, Race, and Social Reality

W 0345 PM - 0545 PM

Quyen Pham

Course ID: 226424
2026 Spring (4 Credits)

Instructor Permission Required

What is gender, and how is one's gender distinct from one's sex? What is race, and how is it different from ethnicity? How many sexes and genders are there? Do races exist, and if so, what are they like? This course will

introduce you to major connected themes and philosophical perspectives in classic and contemporary discussions about gender and race, through foundational questions about their reality, nature, and intersection, as well as practical issues concerning morality, personal identity, and social justice.

PHIL 171L

Course ID: 226344

Love

2025 Fall (4 Credits)

W 1200 PM - 0245 PM

Instructor Permission Required

Patrick White

What is love? What, if any, reasons do we have to love others? And what is the connection (or tension) between love, on the one hand, and morality on the other? This course will use love to explore questions about the nature of reasons, moral psychology, partiality, impartiality and the foundations of ethics. The course will draw on both historical and contemporary authors— in exploring love and its place in a life well-lived. Permission is required to enroll in this course.

FAS Divisional Distribution: Arts and Humanities

PHIL 172M

Course ID: 222547

The Many and The Few

2026 Spring (4 Credits)

MW 0130 PM - 0245 PM

Patrick White

This course explores the tensions between our moral obligations to the many and the place of the few who have some special place in a life well lived—friends, family, fellow students, etc. We will consider the nature and justification of partiality; the challenges of squaring partiality with the impartial demands of morality; objections to moral theory based on its inability to accommodate partiality; whether, when and how aggregation is appropriate; and the place of love in ethics.

FAS Divisional Distribution: Arts and Humanities

PHIL 173E

Course ID: 225918

Is Ethics Objective?

2026 Spring (4 Credits)

This course is an introduction to contemporary metaethics. It will address questions like the following: Does the existence of widespread ethical disagreement mean that there can't be any objective facts and it's all just a matter of opinion? Can we reconcile the idea of an objective ethical reality with evolutionary and sociological arguments that explain how we developed our beliefs? Is it strange that there can be facts that tell you what to do? We will begin by examining three famous arguments for an "anti-realist" metaethics: J.L. Mackie's arguments from disagreement and from "queerness", and Sharon Street's "Darwinian dilemma". All three arguments challenge the idea that our ethical beliefs reflect some kind of mind-independent facts. We will begin to develop philosophical skills through close analysis of these arguments, identifying their logical structure and the places where they could be challenged. We will then apply these skills to a series of texts defending alternative metaethical views, including reductive and non-reductive naturalism, quasi-realism, and constructivism. We will explore those four positions and the main challenges for each of them. Throughout, we will ask whether our ethical beliefs are on surer footing than some other kinds of normative beliefs, especially beliefs about aesthetics, beliefs about rationality, and – most importantly – beliefs about what we should believe.

FAS Divisional Distribution: Arts and Humanities

PHIL 178P

Course ID: 226295

Praise and Blame

2025 Fall (4 Credits)

TR 1200 PM - 0115 PM

Instructor Permission Required

Zoe Johnson King

If I teach an amazing course, then you might feel gratitude and fill out a positive course evaluation. But if I agree

to meet with you at a certain time and never show up, then you might feel resentment and complain to your friends -- especially if it turns out that I had no good reason for not showing up and I simply didn't feel like talking to you. These are examples of praise and blame, respectively. Praise and blame are ubiquitous parts of our interpersonal lives. But what, exactly, are these attitudes? (Hold on a minute, are they attitudes or behaviors?) And when, exactly, are they merited or deserved? In this course, we will examine some of the philosophical literature on agency and responsibility that underpins attributions of praiseworthiness and blameworthiness. We will discuss free will and moral luck; cognitive, affective, and motivational theories of blame; the epistemic condition and the control condition on responsibility; the standing to blame; forgiveness and repair; and the kinds of motivations that make people praiseworthy.

FAS Divisional Distribution: Arts and Humanities

PHIL 185

Philosophy and Architecture

W 0900 AM - 1145 AM

Remei Capdevila Werning

Course ID: 000185
2025 Fall (4 Credits)

Instructor Permission Required

This seminar examines the main issues discussed in the philosophy of architecture: What is architecture? Is architecture an art? Do buildings have a meaning? If so, what is it and how is it conveyed? What is the aesthetic experience of architecture? How does architecture determine the way we live and how we ought to behave? Does architecture have a political function? By reading analytical and continental authors, this course proposes a critical overview of the most relevant metaphysical, epistemological, aesthetic, phenomenological, ethical, and political questions concerning architecture. We will also reflect on the intricacies of the discipline of philosophy of architecture as such. We will reflect upon assigned readings by addressing actual buildings and other architectural works from drawings, renderings, and plans to artworks representing architecture. Prerequisite: One course in philosophy OR one course in architecture OR one course in history of art and architecture.

FAS Divisional Distribution: Arts and Humanities

PHIL 186

Feminism in Arts and Sciences

MW 1200 PM - 0115 PM

Remei Capdevila Werning

Course ID: 136603
2026 Spring (4 Credits)

Instructor Permission Required

This course addresses underlying philosophical assumptions in the arts and sciences from the perspective of feminist theories and approaches. Through readings of texts by contemporary feminist philosophers, examinations of scientific and artistic practices, including scientific case studies and artworks from the Harvard Art Museums, we will address the central issues raised by feminist epistemology, philosophy of science, and aesthetics. These issues include: systematic gender bias, situatedness, standpoint theories, objectivity, neutrality and impartiality (or lack thereof), epistemic and non-epistemic values in the sciences; conceptions of art versus crafts, the canon, genius, autonomy, beauty, sublime, the body and gaze in the arts. We will also participate in the yearly Art+Feminism Wikipedia Edit-a-Thon where we will contribute in shaping public discourse on feminism and arts.

FAS Divisional Distribution: Arts and Humanities

PHIL 233

Topics in Early Modern Philosophy

R 0945 AM - 1145 AM

Alison Simmons

Course ID: 118753
2025 Fall (4 Credits)

Instructor Permission Required

The Cartesian Mind. Descartes is supposed to have invented the modern conception of mind as a subject of consciousness. This class will explore this (allegedly) newfangled conception of mind, both in general (how, exactly, does Descartes conceive the mind?) and through a number of its notable features and operations, including consciousness, intentionality, representation, sensory perception, imagination, intellection, will, passions, and embodied experience.

FAS Divisional Distribution: Arts and Humanities

PHIL 244

Ultimate L and the Universe of Sets

M 0300 PM - 0500 PM

W. Hugh Woodin

Course ID: 115546

2025 Fall (4 Credits)

Instructor Permission Required

The course will cover recent developments on Ultimate L and related topics, with the focus on the implications for the conception of the Universe of Sets, and the nature of Mathematical Truth. A strong background in Set Theory is required.

PHIL 247S

Speech Acts

No meeting time listed

Mark Richard

Course ID: 226433

2026 Spring (4 Credits)

Instructor Permission Required

PHIL 248B

Beauty

W 1245 PM - 0245 PM

Eric Maskin, Barry Mazur, Amartya Sen

Course ID: 226349

2025 Fall (4 Credits)

Instructor Permission Required

The course is about the concept of "beauty" and is open to students of all levels. Although the idea of beauty is easily invoked, there are quite different ways of understanding it, varying between a characteristic of an object, or the perception of an object by persons, or even (as David Hume proposed) as "something that exists merely in the mind." There are other understandings that are not so obvious, such as John Keats's belief that "beauty is truth." Other than critically examining different understandings of beauty, we will be concerned with ideas of beauty that come from different fields of study or from distinct areas of interest. Those who would like to take our course should send us a transcript of their grades and a brief note saying how they might think about engaging with general ideas of beauty, or about specific insights that come from their own areas of interest. We will try to relate the syllabus of our course to the fields of interest of the accepted students. Prerequisites: No formal course requisites, but participants should be comfortable with formal reasoning and high-school level mathematics

Prerequisites: No formal course requisites, but participants should be comfortable with formal reasoning and high-school level mathematics.

FAS Divisional Distribution: Arts and Humanities

PHIL 274F

The Good and the Fitting

W 0300 PM - 0500 PM

Christine Korsgaard, Selim Berker

Course ID: 226806

2026 Spring (4 Credits)

Instructor Permission Required

Some things are good, whereas others are bad, and some emotional responses to those things are fitting, whereas others are unfitting. We will consider recent and historical work on these two pairs of categories (good/bad, fitting/unfitting), as well as their interrelation. Questions to be considered may include: What is the relation between either goodness or fittingness and a thing's nature? Can goodness be analyzed in terms of fitting attitudes? What is the relation between being good and being good for someone, and can a parallel distinction can be drawn for fittingness? Is badness simply a lack of goodness, or unfittingness a lack of fittingness? Can we aggregate goodness across lives, and fittingness across respects? What kinds of things (people, animals, plants, ecosystems?) have a good that matters morally, and what types of reactions (admiration, blame, pride, envy?) are fitting in a way that has genuine normative significance?

PHIL 274M

Recent Work in Metaethics

W 1200 PM - 0245 PM

Jeffrey Behrendts

Course ID: 226336

2025 Fall (4 Credits)

Instructor Permission Required

In this seminar, we will read and evaluate two recent monographs in metaethics. The first is *The Moral Universe* (OUP 2024), by John Bengtson, Terence Cuneo, and Russ Shafer-Landau, which defends a version of non-naturalist moral realism. Students will be encouraged, though not required, to attend a workshop hosted at Harvard in late October 2025 in which a series of new papers from leading scholars addressing that book are presented, and at which the authors of the book will be present. The second monograph is TBD, but will likely be either David Copp's *Ethical Naturalism and the Problem of Normativity* (OUP 2024) or Sarah McGrath's *Moral Knowledge* (OUP 2019). Once the course website is available on Canvas, please check there for updates. The course is intended for PhD students in Philosophy or other students with advanced coursework relevant to the seminar topic.

FAS Divisional Distribution: Arts and Humanities

PHIL 277L

Law and Philosophy Workshop

W 0345 PM - 0545 PM

Benjamin Eidelson

Course ID: 225826
2025 Fall (2 Credits)

Instructor Permission Required

This workshop will examine new ideas at the intersection of law and philosophy. The workshop will meet weekly and will focus on discussion of pre-circulated working papers presented by their authors. Open to HLS students as well as graduate students in philosophy, political theory, or related fields. Admission is by permission of the instructor, but students with and without prior training in philosophy are encouraged to apply. Applicants should submit a CV and a very brief statement of interest, noting relevant background or interests, to Maureen Worth (mworth@law.harvard.edu). The recommended deadline for consideration is July 29th, but applications may be considered on a rolling basis. The course will meet on the HLS campus.

Instructors: Benjamin Eidelson and Ryan Doerfler.

FAS Divisional Distribution: None

PHIL 286

Topics in Feminist Philosophy

W 0300 PM - 0545 PM

Gina Schouten

Course ID: 226329
2025 Fall (4 Credits)

Instructor Permission Required

In this seminar, we'll explore topics in Feminist Philosophy. Students are invited to reach out to discuss their own learning priorities for the course, which will be taken into consideration in finalizing the syllabus. Likely topics will include oppression; objectivity and emotion in knowledge; gendered embodiment and public space; caregiving, labor, and injustice; and bodily commodification. We'll also wade into some social ontology, which I'll be learning alongside you. Assignments will likely include short argument presentations, discussion memos, and a short paper and rewrite.

FAS Divisional Distribution: Arts and Humanities

PHIL 299HFA

Individual Supervision

No meeting time listed

Mark Richard

Course ID: 122956
2025 Fall (2 Credits)

Instructor Permission Required

Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Course Note: Required of candidates for the AM or PhD in Philosophy. Consult the Department's Supplement to the General Announcement for details.

Full Year Course: Indivisible Course

FAS Divisional Distribution: None

PHIL 299HFB

Individual Supervision

No meeting time listed

Course ID: 160664
2026 Spring (2 Credits)

Mark Richard

Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Course Note: Required of candidates for the AM or PhD in Philosophy. Consult the Department's Supplement to the General Announcement for details.

Requires: Pre-requisite: PHIL 299HFA

Full Year Course: Indivisible Course

FAS Divisional Distribution: None

PHIL 300AAA

Course ID: 116505

First Year Colloquium

2025 Fall (4 Credits)

R 0300 PM - 0500 PM

Instructor Permission Required

Ned Hall

The first half of the Department's colloquium for incoming PhD students in Philosophy. We will focus on becoming better readers and writers of philosophy, effective commentators and critics, and comfortable in the Department.

Course Note: Students should enroll in both PHIL 300aaa and PHIL 300aab

FAS Divisional Distribution: None

PHIL 300B

Course ID: 118065

First Year Colloquium

2026 Spring (4 Credits)

R 0300 PM - 0500 PM

Instructor Permission Required

Selim Berker

Continuation of Philosophy 300aa.

FAS Divisional Distribution: None

PHIL 301

Course ID: 212565

Teaching

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Mark Richard

PHIL 301

Course ID: 212565

Teaching

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Mark Richard

PHIL 302

Course ID: 212566

Research

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Mark Richard

This course replaces the former TIME-C—independent study.

FAS Divisional Distribution: Arts and Humanities

PHIL 302

Course ID: 212566

Research

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Mark Richard

This course replaces the former TIME-C—independent study.

FAS Divisional Distribution: Arts and Humanities

PHIL 303

Placement Seminar

No meeting time listed

Susanna C. Siegel

A Seminar for Graduate Students in the Philosophy Department to prepare for job searches.

Course ID: 109294
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 303

Placement Seminar

No meeting time listed

Jeffrey McDonough

A Seminar for Graduate Students in the Philosophy Department to prepare for job searches.

Course ID: 109294
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 305

Individual Reading and Research

No meeting time listed

Selim Berker

Course ID: 113934
2025 Fall (4 Credits)

Instructor Permission Required

PHIL 305

Individual Reading and Research

No meeting time listed

Jeffrey Behrends

Course ID: 113934
2026 Spring (4 Credits)

Instructor Permission Required

PHIL 305 (005)

Individual Reading and Research

No meeting time listed

Warren Goldfarb

Course ID: 113934
2025 Fall (4 Credits)

Instructor Permission Required

PHIL 305 (005)

Individual Reading and Research

No meeting time listed

Selim Berker

Course ID: 113934
2026 Spring (4 Credits)

Instructor Permission Required

PHIL 305 (006)

Individual Reading and Research

No meeting time listed

Cheryl Chen

Course ID: 113934
2026 Spring (4 Credits)

Instructor Permission Required

PHIL 305 (007) Individual Reading and Research <i>No meeting time listed</i> <i>Ned Hall</i>	Course ID: 113934 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
PHIL 305 (007) Individual Reading and Research <i>No meeting time listed</i> <i>James Doyle</i>	Course ID: 113934 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
PHIL 305 (009) Individual Reading and Research <i>No meeting time listed</i> <i>Sean Kelly</i>	Course ID: 113934 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
PHIL 305 (010) Individual Reading and Research <i>No meeting time listed</i> <i>Peter Koellner</i>	Course ID: 113934 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
PHIL 305 (010) Individual Reading and Research <i>No meeting time listed</i> <i>Warren Goldfarb</i>	Course ID: 113934 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
PHIL 305 (012) Individual Reading and Research <i>No meeting time listed</i> <i>Samantha Matherne</i>	Course ID: 113934 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
PHIL 305 (013) Individual Reading and Research <i>No meeting time listed</i> <i>Jeffrey McDonough</i>	Course ID: 113934 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
PHIL 305 (014) Individual Reading and Research <i>No meeting time listed</i> <i>Richard Moran</i>	Course ID: 113934 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
PHIL 305 (015) Individual Reading and Research <i>No meeting time listed</i> <i>Bernhard Nickel</i>	Course ID: 113934 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
PHIL 305 (017) Individual Reading and Research <i>No meeting time listed</i> <i>Mark Richard</i>	Course ID: 113934 2025 Fall (4 Credits) <i>Instructor Permission Required</i>

PHIL 305 (018) Individual Reading and Research <i>No meeting time listed</i> <i>Susanna Rinard</i>	Course ID: 113934 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
PHIL 305 (019) Individual Reading and Research <i>No meeting time listed</i> <i>Gina Schouten</i>	Course ID: 113934 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
PHIL 305 (020) Individual Reading and Research <i>No meeting time listed</i> <i>Amartya Sen</i>	Course ID: 113934 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
PHIL 305 (020) Individual Reading and Research <i>No meeting time listed</i> <i>Ned Hall</i>	Course ID: 113934 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
PHIL 305 (021) Individual Reading and Research <i>No meeting time listed</i> <i>Tommie Shelby</i>	Course ID: 113934 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
PHIL 305 (022) Individual Reading and Research <i>No meeting time listed</i> <i>Susanna C. Siegel</i>	Course ID: 113934 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
PHIL 305 (023) Individual Reading and Research <i>No meeting time listed</i> <i>Alison Simmons</i>	Course ID: 113934 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
PHIL 305 (028) Individual Reading and Research <i>No meeting time listed</i> <i>Lucas Stanczyk</i>	Course ID: 113934 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
PHIL 305 (029) Individual Reading and Research <i>No meeting time listed</i> <i>W. Hugh Woodin</i>	Course ID: 113934 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
PHIL 305 (032) Individual Reading and Research	Course ID: 113934 2025 Fall (4 Credits)

No meeting time listed
Patrick White

Instructor Permission Required

PHIL 305 (035)
Individual Reading and Research
No meeting time listed
Zoe Johnson King

Course ID: 113934
2025 Fall (4 Credits)
Instructor Permission Required

PHIL 305 (050)
Individual Reading and Research
No meeting time listed
Sean Kelly

Course ID: 113934
2026 Spring (4 Credits)
Instructor Permission Required

PHIL 305 (060)
Individual Reading and Research
No meeting time listed
Peter Koellner

Course ID: 113934
2026 Spring (4 Credits)
Instructor Permission Required

PHIL 305 (070)
Individual Reading and Research
No meeting time listed
Christine Korsgaard

Course ID: 113934
2026 Spring (4 Credits)
Instructor Permission Required

PHIL 305 (078)
Individual Reading and Research
No meeting time listed
Samantha Matherne

Course ID: 113934
2026 Spring (4 Credits)
Instructor Permission Required

PHIL 305 (080)
Individual Reading and Research
No meeting time listed
Jeffrey McDonough

Course ID: 113934
2026 Spring (4 Credits)
Instructor Permission Required

PHIL 305 (090)
Individual Reading and Research
No meeting time listed
Richard Moran

Course ID: 113934
2026 Spring (4 Credits)
Instructor Permission Required

PHIL 305 (100)
Individual Reading and Research
No meeting time listed
Bernhard Nickel

Course ID: 113934
2026 Spring (4 Credits)
Instructor Permission Required

PHIL 305 (110)
Individual Reading and Research
No meeting time listed
Mark Richard

Course ID: 113934
2026 Spring (4 Credits)
Instructor Permission Required

PHIL 305 (120) Individual Reading and Research <i>No meeting time listed</i> <i>Susanna Rinard</i>	Course ID: 113934 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
PHIL 305 (140) Individual Reading and Research <i>No meeting time listed</i> <i>Thomas M. Scanlon</i>	Course ID: 113934 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
PHIL 305 (150) Individual Reading and Research <i>No meeting time listed</i> <i>Gina Schouten</i>	Course ID: 113934 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
PHIL 305 (160) Individual Reading and Research <i>No meeting time listed</i> <i>Amartya Sen</i>	Course ID: 113934 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
PHIL 305 (170) Individual Reading and Research <i>No meeting time listed</i> <i>Tommie Shelby</i>	Course ID: 113934 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
PHIL 305 (180) Individual Reading and Research <i>No meeting time listed</i> <i>Susanna C. Siegel</i>	Course ID: 113934 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
PHIL 305 (190) Individual Reading and Research <i>No meeting time listed</i> <i>Alison Simmons</i>	Course ID: 113934 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
PHIL 305 (200) Individual Reading and Research <i>No meeting time listed</i> <i>Lucas Stanczyk</i>	Course ID: 113934 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
PHIL 305 (210) Individual Reading and Research <i>No meeting time listed</i> <i>W. Hugh Woodin</i>	Course ID: 113934 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
PHIL 305 (220) Individual Reading and Research <i>No meeting time listed</i> <i>Patrick White</i>	Course ID: 113934 2026 Spring (4 Credits) <i>Instructor Permission Required</i>

PHIL 305 (230)
Individual Reading and Research

No meeting time listed
Zoe Johnson King

Course ID: 113934
2026 Spring (4 Credits)

Instructor Permission Required

PHIL 311
Workshop in Moral and Political Philosophy

R 0300 PM - 0500 PM
Selim Berker

Course ID: 115778
2025 Fall (4 Credits)

Instructor Permission Required

A forum for the presentation and discussion of work in progress by students in moral and political philosophy.
Open only to graduate students in the Philosophy Department or by invitation of the instructors.

FAS Divisional Distribution: None

PHIL 311
Workshop in Moral and Political Philosophy

R 0300 PM - 0500 PM
Gina Schouten

Course ID: 115778
2026 Spring (4 Credits)

Instructor Permission Required

A forum for the presentation and discussion of work in progress by students in moral and political philosophy.
Open only to graduate students in the Philosophy Department or by invitation of the instructors.

FAS Divisional Distribution: None

PHIL 312
Workshop in Metaphysics and Epistemology

R 0300 PM - 0500 PM
Mark Richard

Course ID: 118757
2025 Fall (4 Credits)

Instructor Permission Required

A forum for the presentation and discussion of work in progress by students in metaphysics and epistemology.
Open only to graduate students in the Philosophy Department or by invitation of the instructors.

FAS Divisional Distribution: None

PHIL 312
Workshop in Metaphysics and Epistemology

R 0300 PM - 0500 PM
Susanna C. Siegel, Mark Richard

Course ID: 118757
2026 Spring (4 Credits)

Instructor Permission Required

A forum for the presentation and discussion of work in progress by students in metaphysics and epistemology.
Open only to graduate students in the Philosophy Department or by invitation of the instructors.

FAS Divisional Distribution: None

PHIL 315HFA
Instructional Styles in Philosophy

F 0130 PM - 0230 PM
Cheryl Chen

Course ID: 125184
2025 Fall (2 Credits)

Instructor Permission Required

Course is required for graduate students in their first year of teaching; optional for students in their second year of teaching. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Course Note: Meeting time will be arranged in consultation with the students taking the course.

Full Year Course: Indivisible Course

FAS Divisional Distribution: None

PHIL 315HFB

Instructional Styles in Philosophy

W 0130 PM - 0230 PM

Zoe Johnson King

Course ID: 160665

2026 Spring (2 Credits)

Instructor Permission Required

PHIL 316R

Embedded EthiCS Teaching Lab

No meeting time listed

Matthew Kopec

Course ID: 213558

2025 Fall (4 Credits)

Instructor Permission Required

The Embedded EthiCS Teaching Lab is a forum for advancing work related to the creation, implementation, revision, and distribution of ethics modules to be used in Computer Science courses and shared on the Embedded EthiCS website. Graduate Fellows workshop their modules in development with all members of the lab, and also consult directly with Postdoctoral Fellows and faculty in philosophy and computer science.

Course Note: The teaching lab will be scheduled based on availability of its participants.

FAS Divisional Distribution: None

PHIL 316R

Embedded EthiCS Teaching Lab

No meeting time listed

Matthew Kopec

Course ID: 213558

2026 Spring (4 Credits)

Instructor Permission Required

The Embedded EthiCS Teaching Lab is a forum for advancing work related to the creation, implementation, revision, and distribution of ethics modules to be used in Computer Science courses and shared on the Embedded EthiCS website. Graduate Fellows workshop their modules in development with all members of the lab, and also consult directly with Postdoctoral Fellows and faculty in philosophy and computer science.

Course Note: The teaching lab will be scheduled based on availability of its participants.

FAS Divisional Distribution: None

PHIL 320HFA

Safra Graduate Fellowship Seminar

M 0300 PM - 0500 PM

Patrick White

Course ID: 224973

2025 Fall (4 Credits)

Instructor Permission Required

This seminar considers a variety of topics in political and ethical theory. Note: This course will meet on alternate Mondays.

FAS Divisional Distribution: None

PHIL 320HFA

Safra Graduate Fellowship Seminar

M 0300 PM - 0500 PM

Patrick White

Course ID: 224973

2026 Spring (4 Credits)

Instructor Permission Required

This seminar considers a variety of topics in political and ethical theory. Note: This course will meet on alternate Mondays.

FAS Divisional Distribution: None

PHIL 333 Preparation for the Topical Examination <i>No meeting time listed</i> <i>Selim Berker</i>	Course ID: 111147 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
PHIL 333 Preparation for the Topical Examination <i>No meeting time listed</i> <i>Selim Berker</i>	Course ID: 111147 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
PHIL 333 (003) Preparation for the Topical Examination <i>No meeting time listed</i> <i>Warren Goldfarb</i>	Course ID: 111147 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
PHIL 333 (004) Preparation for the Topical Examination <i>No meeting time listed</i> <i>Ned Hall</i>	Course ID: 111147 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
PHIL 333 (006) Preparation for the Topical Examination <i>No meeting time listed</i> <i>Sean Kelly</i>	Course ID: 111147 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
PHIL 333 (008) Preparation for the Topical Examination <i>No meeting time listed</i> <i>Peter Koellner</i>	Course ID: 111147 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
PHIL 333 (009) Preparation for the Topical Examination <i>No meeting time listed</i> <i>Christine Korsgaard</i>	Course ID: 111147 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
PHIL 333 (010) Preparation for the Topical Examination <i>No meeting time listed</i> <i>Warren Goldfarb</i>	Course ID: 111147 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
PHIL 333 (010) Preparation for the Topical Examination <i>No meeting time listed</i> <i>Jeffrey McDonough</i>	Course ID: 111147 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
PHIL 333 (011) Preparation for the Topical Examination	Course ID: 111147 2025 Fall (4 Credits)

No meeting time listed
Richard Moran

Instructor Permission Required

PHIL 333 (012)
Preparation for the Topical Examination
No meeting time listed
Bernhard Nickel

Course ID: 111147
2025 Fall (4 Credits)

Instructor Permission Required

PHIL 333 (013)
Preparation for the Topical Examination
No meeting time listed
Mark Richard

Course ID: 111147
2025 Fall (4 Credits)

Instructor Permission Required

PHIL 333 (014)
Preparation for the Topical Examination
No meeting time listed
Susanna Rinard

Course ID: 111147
2025 Fall (4 Credits)

Instructor Permission Required

PHIL 333 (017)
Preparation for the Topical Examination
No meeting time listed
Amartya Sen

Course ID: 111147
2025 Fall (4 Credits)

Instructor Permission Required

PHIL 333 (018)
Preparation for the Topical Examination
No meeting time listed
Tommie Shelby

Course ID: 111147
2025 Fall (4 Credits)

Instructor Permission Required

PHIL 333 (019)
Preparation for the Topical Examination
No meeting time listed
Susanna C. Siegel

Course ID: 111147
2025 Fall (4 Credits)

Instructor Permission Required

PHIL 333 (020)
Preparation for the Topical Examination
No meeting time listed
Ned Hall

Course ID: 111147
2026 Spring (4 Credits)

Instructor Permission Required

PHIL 333 (020)
Preparation for the Topical Examination
No meeting time listed
Alison Simmons

Course ID: 111147
2025 Fall (4 Credits)

Instructor Permission Required

PHIL 333 (021)
Preparation for the Topical Examination
No meeting time listed
W. Hugh Woodin

Course ID: 111147
2025 Fall (4 Credits)

Instructor Permission Required

PHIL 333 (022)	Course ID: 111147 2025 Fall (4 Credits)
Preparation for the Topical Examination	<i>Instructor Permission Required</i>
<i>No meeting time listed</i>	
<i>Gina Schouten</i>	
PHIL 333 (023)	Course ID: 111147 2025 Fall (4 Credits)
Preparation for the Topical Examination	<i>Instructor Permission Required</i>
<i>No meeting time listed</i>	
<i>Lucas Stanczyk</i>	
PHIL 333 (030)	Course ID: 111147 2025 Fall (4 Credits)
Preparation for the Topical Examination	<i>Instructor Permission Required</i>
<i>No meeting time listed</i>	
<i>Samantha Matherne</i>	
PHIL 333 (035)	Course ID: 111147 2025 Fall (4 Credits)
Preparation for the Topical Examination	<i>Instructor Permission Required</i>
<i>No meeting time listed</i>	
<i>Patrick White</i>	
PHIL 333 (038)	Course ID: 111147 2025 Fall (4 Credits)
Preparation for the Topical Examination	<i>Instructor Permission Required</i>
<i>No meeting time listed</i>	
<i>Zoe Johnson King</i>	
PHIL 333 (050)	Course ID: 111147 2026 Spring (4 Credits)
Preparation for the Topical Examination	<i>Instructor Permission Required</i>
<i>No meeting time listed</i>	
<i>Sean Kelly</i>	
PHIL 333 (060)	Course ID: 111147 2026 Spring (4 Credits)
Preparation for the Topical Examination	<i>Instructor Permission Required</i>
<i>No meeting time listed</i>	
<i>Peter Koellner</i>	
PHIL 333 (070)	Course ID: 111147 2026 Spring (4 Credits)
Preparation for the Topical Examination	<i>Instructor Permission Required</i>
<i>No meeting time listed</i>	
<i>Christine Korsgaard</i>	
PHIL 333 (078)	Course ID: 111147 2026 Spring (4 Credits)
Preparation for the Topical Examination	<i>Instructor Permission Required</i>
<i>No meeting time listed</i>	
<i>Samantha Matherne</i>	
PHIL 333 (080)	Course ID: 111147 2026 Spring (4 Credits)
Preparation for the Topical Examination	<i>Instructor Permission Required</i>
<i>No meeting time listed</i>	
<i>Jeffrey McDonough</i>	

PHIL 333 (090) Preparation for the Topical Examination <i>No meeting time listed</i> <i>Richard Moran</i>	Course ID: 111147 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
PHIL 333 (100) Preparation for the Topical Examination <i>No meeting time listed</i> <i>Bernhard Nickel</i>	Course ID: 111147 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
PHIL 333 (110) Preparation for the Topical Examination <i>No meeting time listed</i> <i>Mark Richard</i>	Course ID: 111147 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
PHIL 333 (120) Preparation for the Topical Examination <i>No meeting time listed</i> <i>Susanna Rinard</i>	Course ID: 111147 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
PHIL 333 (140) Preparation for the Topical Examination <i>No meeting time listed</i> <i>Thomas M. Scanlon</i>	Course ID: 111147 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
PHIL 333 (150) Preparation for the Topical Examination <i>No meeting time listed</i> <i>Gina Schouten</i>	Course ID: 111147 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
PHIL 333 (160) Preparation for the Topical Examination <i>No meeting time listed</i> <i>Amartya Sen</i>	Course ID: 111147 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
PHIL 333 (170) Preparation for the Topical Examination <i>No meeting time listed</i> <i>Tommie Shelby</i>	Course ID: 111147 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
PHIL 333 (180) Preparation for the Topical Examination <i>No meeting time listed</i> <i>Susanna C. Siegel</i>	Course ID: 111147 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
PHIL 333 (190) Preparation for the Topical Examination	Course ID: 111147 2026 Spring (4 Credits)

No meeting time listed
Alison Simmons

Instructor Permission Required

PHIL 333 (200)
Preparation for the Topical Examination
No meeting time listed
Lucas Stanczyk

Course ID: 111147
2026 Spring (4 Credits)
Instructor Permission Required

PHIL 333 (210)
Preparation for the Topical Examination
No meeting time listed
W. Hugh Woodin

Course ID: 111147
2026 Spring (4 Credits)
Instructor Permission Required

PHIL 333 (220)
Preparation for the Topical Examination
No meeting time listed
Patrick White

Course ID: 111147
2026 Spring (4 Credits)
Instructor Permission Required

PHIL 333 (230)
Preparation for the Topical Examination
No meeting time listed
Zoe Johnson King

Course ID: 111147
2026 Spring (4 Credits)
Instructor Permission Required

PHIL 399
Direction of Doctoral Dissertations
No meeting time listed
Selim Berker

Course ID: 112838
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399
Direction of Doctoral Dissertations
No meeting time listed
Selim Berker

Course ID: 112838
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (003)
Direction of Doctoral Dissertations
No meeting time listed
Warren Goldfarb

Course ID: 112838
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (004)

Direction of Doctoral Dissertations

No meeting time listed

Ned Hall

Course ID: 112838

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (007)

Direction of Doctoral Dissertations

No meeting time listed

Sean Kelly

Course ID: 112838

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (008)

Direction of Doctoral Dissertations

No meeting time listed

Peter Koellner

Course ID: 112838

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (009)

Direction of Doctoral Dissertations

No meeting time listed

Christine Korsgaard

Course ID: 112838

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (010)

Direction of Doctoral Dissertations

No meeting time listed

Warren Goldfarb

Course ID: 112838

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (010)

Direction of Doctoral Dissertations

No meeting time listed

Jeffrey McDonough

Course ID: 112838

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (011)

Direction of Doctoral Dissertations

No meeting time listed

Richard Moran

Course ID: 112838

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (012)

Direction of Doctoral Dissertations

No meeting time listed

Bernhard Nickel

Course ID: 112838

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (013)

Direction of Doctoral Dissertations

No meeting time listed

Mark Richard

Course ID: 112838

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (014)

Direction of Doctoral Dissertations

No meeting time listed

Susanna Rinard

Course ID: 112838

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (016)

Direction of Doctoral Dissertations

No meeting time listed

Thomas M. Scanlon

Course ID: 112838

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (017)

Direction of Doctoral Dissertations

No meeting time listed

Amartya Sen

Course ID: 112838

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (018)
Direction of Doctoral Dissertations
No meeting time listed
Tommie Shelby

Course ID: 112838
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (019)
Direction of Doctoral Dissertations
No meeting time listed
Susanna C. Siegel

Course ID: 112838
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (020)
Direction of Doctoral Dissertations
No meeting time listed
Ned Hall

Course ID: 112838
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (020)
Direction of Doctoral Dissertations
No meeting time listed
Alison Simmons

Course ID: 112838
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (021)
Direction of Doctoral Dissertations
No meeting time listed
W. Hugh Woodin

Course ID: 112838
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (022)
Direction of Doctoral Dissertations
No meeting time listed
Lucas Stanczyk

Course ID: 112838
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (023)

Direction of Doctoral Dissertations

No meeting time listed

Gina Schouten

Course ID: 112838

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (024)

Direction of Doctoral Dissertations

No meeting time listed

Samantha Matherne

Course ID: 112838

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (025)

Direction of Doctoral Dissertations

No meeting time listed

Patrick White

Course ID: 112838

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (026)

Direction of Doctoral Dissertations

No meeting time listed

Zoe Johnson King

Course ID: 112838

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (050)

Direction of Doctoral Dissertations

No meeting time listed

Sean Kelly

Course ID: 112838

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (060)

Direction of Doctoral Dissertations

No meeting time listed

Peter Koellner

Course ID: 112838

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (070)

Direction of Doctoral Dissertations

No meeting time listed

Christine Korsgaard

Course ID: 112838

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (078)

Direction of Doctoral Dissertations

No meeting time listed

Samantha Matherne

Course ID: 112838

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (080)

Direction of Doctoral Dissertations

No meeting time listed

Jeffrey McDonough

Course ID: 112838

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (090)

Direction of Doctoral Dissertations

No meeting time listed

Richard Moran

Course ID: 112838

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (100)

Direction of Doctoral Dissertations

No meeting time listed

Bernhard Nickel

Course ID: 112838

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (110)

Direction of Doctoral Dissertations

No meeting time listed

Mark Richard

Course ID: 112838

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (120)

Direction of Doctoral Dissertations

No meeting time listed

Susanna Rinard

Course ID: 112838

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (140)

Direction of Doctoral Dissertations

No meeting time listed

Thomas M. Scanlon

Course ID: 112838

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (150)

Direction of Doctoral Dissertations

No meeting time listed

Gina Schouten

Course ID: 112838

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (160)

Direction of Doctoral Dissertations

No meeting time listed

Amartya Sen

Course ID: 112838

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (170)

Direction of Doctoral Dissertations

No meeting time listed

Tommie Shelby

Course ID: 112838

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (180)

Direction of Doctoral Dissertations

No meeting time listed

Susanna C. Siegel

Course ID: 112838

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (190)

Direction of Doctoral Dissertations

No meeting time listed

Alison Simmons

Course ID: 112838

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (200)

Direction of Doctoral Dissertations

No meeting time listed

Lucas Stanczyk

Course ID: 112838

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (210)

Direction of Doctoral Dissertations

No meeting time listed

W. Hugh Woodin

Course ID: 112838

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (220)

Direction of Doctoral Dissertations

No meeting time listed

Patrick White

Course ID: 112838

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHIL 399 (230)

Direction of Doctoral Dissertations

No meeting time listed

Zoe Johnson King

Course ID: 112838

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

Physics

Physics

PHYSICS 15A

Introductory Mechanics and Relativity

TR 1200 PM - 0115 PM

Anna Kales, Stephen Adams

Course ID: 111164

2025 Fall (4 Credits)

Physics 15a is an introduction to the topics of Newtonian mechanics and special relativity, but it is also an introduction to what it means to be a physicist—formulating theoretical models to describe the natural world and

testing those models for consistency with data. Topics include: vectors; kinematics in three dimensions; Newton's laws; force, work, power; conservative forces, potential energy; momentum, collisions; rotational motion, angular momentum, torque; static equilibrium, simple harmonic motion, damped and driven oscillations; gravitation; fictitious forces; fluids; special relativity; experimental methods and tools including: basic programming, experimental design and data acquisition, model testing and error analysis; scientific communication.

Course Note: Principles of Scientific Inquiry (PSI) is the laboratory component of Physics 15a. Topics include experimental design, model testing, error analysis, basic programming, and oral presentations. PSI will meet weekly throughout the semester.

Physics 15a/16 has a lab component. You must join the lab on this Canvas site: <https://self-enroll.tlt.harvard.edu/7cffd320-de53-43f6-a047-082f969b6d3a> Available lab times are: T 3-5T 6-8W 12:45-2:45R 3-5R 6-8F 9:45-11:45F 12:45-2:45

Mathematics preparation at least at the level of Mathematics 1b concurrently is required. However, some elementary ideas from multivariable calculus may be used and students are encouraged to take Mathematics 21a concurrently.

FAS Divisional Distribution: Science & Engineering & Applied Science

Quantitative Reasoning with Data: Yes

PHYSICS 15A

Introductory Mechanics and Relativity

Course ID: 111164
2026 Spring (4 Credits)

TR 1200 PM - 0115 PM

Anna Klaes, John Huth

Physics 15a is an introduction to the topics of Newtonian mechanics and special relativity, but it is also an introduction to what it means to be a physicist—formulating theoretical models to describe the natural world and testing those models for consistency with data. Topics include: vectors; kinematics in three dimensions; Newton's laws; force, work, power; conservative forces, potential energy; momentum, collisions; rotational motion, angular momentum, torque; static equilibrium, simple harmonic motion, damped and driven oscillations; gravitation; fictitious forces; fluids; special relativity; experimental methods and tools including: basic programming, experimental design and data acquisition, model testing and error analysis; scientific communication.

Course Note: Principles of Scientific Inquiry (PSI) is the laboratory component of Physics 15a. Topics include experimental design, model testing, error analysis, basic programming, and oral presentations. PSI will meet weekly throughout the semester.

Mathematics preparation at least at the level of Mathematics 1b concurrently is required. However, some elementary ideas from multivariable calculus may be used and students are encouraged to take Mathematics 21a concurrently.

FAS Divisional Distribution: Science & Engineering & Applied Science

Quantitative Reasoning with Data: Yes

PHYSICS 15B

Introductory Electromagnetism

Course ID: 111896
2025 Fall (4 Credits)

TR 1200 PM - 0115 PM

Louis Deslauriers, Mara Prentiss

This course is an undergraduate-level course on electromagnetism. Topics include electrostatics, electric currents, magnetic field, electromagnetic induction, Maxwell's equations, electromagnetic radiation, magnetic fields in materials, and some basic notions in kinetic theory, entropy, temperature, and phase transition associated with electricity and magnetism.

Course Note: Principles of Scientific Inquiry (PSI) is the laboratory component of Physics 15b. The labs are designed to enhance your understanding of material presented in lectures. They also present applications of electricity and magnetism, as well as offering opportunities to build simple circuits and develop experience using measuring instruments, including oscilloscopes.

We recommend that you take Physics 15a, Physics 16, or Physics 19 (or you have written permission from the Head Tutor in Physics). Mathematics preparation at least at the level of Math 21a is a prerequisite. Students wishing to take Math 21a concurrently must obtain written permission from the instructor. Vector calculus (divergence, gradient, curl) is used extensively in this course.

Quantitative Reasoning with Data: Yes

PHYSICS 15B**Introductory Electromagnetism**Course ID: 111896
2026 Spring (4 Credits)

TR 1200 PM - 0115 PM

Carlos Arguelles Delgado

This course is an undergraduate-level course on electromagnetism. Topics include electrostatics, electric currents, magnetic field, electromagnetic induction, Maxwell's equations, electromagnetic radiation, magnetic fields in materials, and some basic notions in kinetic theory, entropy, temperature, and phase transition associated with electricity and magnetism.

Course Note: Principles of Scientific Inquiry (PSI) is the laboratory component of Physics 15b. The labs are designed to enhance your understanding of material presented in lectures. They also present applications of electricity and magnetism, as well as offering opportunities to build simple circuits and develop experience using measuring instruments, including oscilloscopes.

We recommend that you take Physics 15a, Physics 16, or Physics 19 (or you have written permission from the Head Tutor in Physics). Mathematics preparation at least at the level of Math 21a is a prerequisite. Students wishing to take Math 21a concurrently must obtain written permission from the instructor. Vector calculus (divergence, gradient, curl) is used extensively in this course.

FAS Divisional Distribution: Science & Engineering & Applied Science

Quantitative Reasoning with Data: Yes

PHYSICS 15C**Wave Phenomena**Course ID: 124154
2025 Fall (4 Credits)

MW 1030 AM - 1145 AM

Masahiro Morii, Markus Greiner, Anna Wang-Holtzen

Forced oscillation and resonance; coupled oscillators and normal modes; Fourier series; Electromagnetic waves, radiation, longitudinal oscillations, sound; traveling waves; signals, wave packets and group velocity; two- and three-dimensional waves; polarization; geometrical and physical optics; interference and diffraction. Optional topics: Water waves, holography, x-ray crystallography, solitons, music, quantum mechanics, and waves in the early universe.

Course Note: Principles of Scientific Inquiry (PSI) is the laboratory component of Physics 15c. Topics include experimental design, model testing, error analysis, basic programming, oral presentations, and scientific writing. PSI will meet weekly throughout the semester.

Physics 15a and 15b or Physical Science 12a-b or equivalent. Mathematics at least at the level of Math 21b. Mathematical topics introduced during lectures will include matrix calculus, complex numbers, differential equations, and Fourier analysis.

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 15C**Wave Phenomena**Course ID: 124154
2026 Spring (4 Credits)

MW 1030 AM - 1145 AM

Stefan Knirck, Xing Fan

Forced oscillation and resonance; coupled oscillators and normal modes; Fourier series; Electromagnetic waves, radiation, longitudinal oscillations, sound; traveling waves; signals, wave packets and group velocity; two- and three-dimensional waves; polarization; geometrical and physical optics; interference and diffraction. Optional topics: Water waves, holography, x-ray crystallography, solitons, music, quantum mechanics, and waves in the early universe.

Course Note: Principles of Scientific Inquiry (PSI) is the laboratory component of Physics 15c. Topics include experimental design, model testing, error analysis, basic programming, oral presentations, and scientific writing. PSI will meet weekly throughout the semester.

Physics 15a and 15b or Physical Science 12a-b or equivalent. Mathematics at least at the level of Math 21b. Mathematical topics introduced during lectures will include matrix calculus, complex numbers, differential equations, and Fourier analysis.

PHYSICS 16

Course ID: 111197

Mechanics and Special Relativity

2025 Fall (4 Credits)

TR 1200 PM - 0115 PM

Norman Yao, Stephen Adams

Newtonian mechanics and special relativity for students with good preparation in physics and mathematics at the level of the advanced placement curriculum. Topics include oscillators damped and driven and resonance (how to rock your car out of a snow bank or use a swing), an introduction to Lagrangian mechanics and optimization, symmetries and Noether's theorem, special relativity, collisions and scattering, rotational motion, angular momentum, torque, the inertia tensor (dynamic balance), gravitation, planetary motion and a little glimpse of quantum mechanics.

Course Note: Principles of Scientific Inquiry (PSI) is the laboratory component of Physics 16. Topics include experimental design, model testing, error analysis, basic programming, oral presentations, and scientific writing. PSI will meet weekly throughout the semester. Emphasis is placed on collaborative teaching and learning. Many class materials are Mathematics notebooks.

Physics 15a/16 has a lab component. You must join the lab on this Canvas site: <https://self-enroll.tlt.harvard.edu/7cfd320-de53-43f6-a047-082f969b6d3a> Available lab times are: T 3-5T 6-8W 12:45-2:45R 3-5R 6-8F 9:45-11:45F 12:45-2:45

Score of 5 on the mechanics section of the Physics C Advanced Placement exam, or equivalent. Mathematics preparation at least at the level of Mathematics 21a taken concurrently is required. Thorough knowledge of calculus of one variable and vectors plus some mathematical sophistication. The mathematical level will be significantly higher than that of Physics 15a. If in doubt, check the Canvas site ahead of time, or email the professor at nyao@fas.harvard.edu, or just shop.

FAS Divisional Distribution: Science & Engineering & Applied Science

Quantitative Reasoning with Data: Yes

PHYSICS 19

Course ID: 207005

Introduction to Theoretical Physics

2025 Fall (4 Credits)

MWF 0300 PM - 0415 PM

Jacob Barandes, Stephen Adams

Physics 19 is a comprehensive introduction to the foundations of theoretical physics, with a first-principles approach to its five main areas: analytical mechanics, thermodynamics, fields, relativity, and quantum theory. The course is aimed primarily at students who are considering pursuing advanced study of physics in the concentration, as an option alongside Physics 15A and Physics 16. (Most physics concentrators start by taking either Physics 15A, 16, or 19.) The course is also open to undergraduate and graduate students in other fields of study—such as math, philosophy, astronomy, biology, chemistry, computer science, and engineering—who are interested in developing a better understanding of physics either to serve the needs of their own academic work or as a first step toward switching their area of study to physics. The purpose of the course is to present the foundations of modern theoretical physics in a welcoming setting for students from a variety of backgrounds. The course is intended to present a clear, faithful picture of what theoretical physics looks like. We will derive nearly everything from scratch in as self-contained a manner as possible—with occasional exceptions for special cutting-edge examples. We will also introduce all the necessary mathematics along the way. Specific topics will include Newtonian mechanics, chaos, perturbation theory, orbital mechanics, the Lagrangian and Hamiltonian formulations, the connection between symmetries and conservation laws, statistical physics and thermodynamics, electromagnetism, special relativity, relativistic gravitation, black holes, and an extensive introduction to quantum theory. In-class discussions will regularly address relevant issues in the history and philosophy of physics, as well as the conceptual implications of our modern physical theories for making sense of the world around us. Cooperation and diversity strengthen our academic community, so the course will prioritize collaboration and aim to provide a welcoming and inclusive environment for students with diverse identities and backgrounds. The instructor will help students form study groups as needed.

Course Note: For students intending on concentrating in physics, please note that the laboratory component of Physics 19, called Principles of Scientific Inquiry (PSI), is a departmental requirement. (For students in Physics 19 who are not planning on concentrating in physics, PSI is not required.) Sign-ups for PSI will be arranged at the beginning of the semester. PSI topics will include experimental design, model testing, measurements, data collection, data and error analysis, basic programming, oral presentations, and scientific writing. PSI will meet weekly throughout the semester, and will emphasize collaborative teaching and learning.

Physics 19 has a lab component available for physics concentrators, but the lab component is not required for the course. You can join the lab on this Canvas site: <https://self-enroll.tlt.harvard.edu/7cfd320-de53-43f6-a047-082f969b6d3a> The available lab times are: T 3-5T 6-8W 12:45-2:45R 3-5R 6-8F 9:45-11:45F 12:45-2:45

Physics 19 is mathematically intensive. The course will assume a working knowledge of single-variable differential and integral calculus at least at the level of Mathematics 1A, as well as a high comfort level with abstract concepts, but will not assume previous coursework in physics or multivariable calculus. Mathematics 1A is not a strict requirement, and students who are unsure whether they have adequate background should contact the instructor. The course will cover relevant topics from vector calculus, complex analysis, linear algebra, and other areas of mathematics as needed, so a prior familiarity with these subjects, while helpful, will not be required.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 20

Introduction to Computational Physics

Course ID: 220605
2025 Fall (4 Credits)

TR 1030 AM - 1145 AM

Logan McCarty

This course is a systematic introduction to computing with python and jupyter notebooks designed for concentrators in physics and related fields. The course consists of two parts: 1. Basics: essential elements of computing, including types of variables, lists, arrays, iteration and control flow (for, while loops, if statement), definition of functions, recursion, file handling and simple plots, plotting and visualization tools in higher dimensions. 2. Applications: development of computational skills for problem solving, including numerical and machine learning methods, and their use in deterministic and stochastic approaches; examples include numerical differentiation and integration, fitting of curves and error analysis, solution of simple differential equations, random numbers and stochastic sampling, and advanced methods like neural networks and simulated annealing for optimization in complex systems. Course work consists of attending lectures and labs, weekly homework assignments, a mid-term project and a final project; while work is developed collaboratively, coding assignments are submitted individually.

Course Note: Lectures meet concurrently with APMTH 10, although sections, homework and project assignments are different between the two courses.

Multivariable calculus (e.g. Mathematics 21a) is a prerequisite. Introductory courses in physics, such Physics 15a, 16 or higher are useful for better understanding of the applications. The course provides an introduction to programming using python, and starts from the level of a complete beginner.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 90R

Supervised Research

Course ID: 111672
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Anna Klaes

Primarily for selected concentrators in Physics, or in Chemistry and Physics, who have obtained honor grades in Physics 15 and a number of intermediate-level courses. The student must be accepted by some member of the faculty doing research in the student's field of interest. The form of the research depends on the student's interest and experience, the nature of the particular field of physics, and facilities and support available. Students wishing to write a senior thesis can do so by arranging for a sponsor and enrolling in this course.

Course Note: A list of possible faculty sponsors and their fields is available in Lyman 238 and on the Physics Department Web page. Course enrollment forms may be obtained from Lyman 238.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 90R

Supervised Research

Course ID: 111672
2026 Spring (4 Credits)

No meeting time listed

Anna Klaes

Primarily for selected concentrators in Physics, or in Chemistry and Physics, who have obtained honor grades in Physics 15 and a number of intermediate-level courses. The student must be accepted by some member of the faculty doing research in the student's field of interest. The form of the research depends on the student's interest and experience, the nature of the particular field of physics, and facilities and support available. Students wishing to write a senior thesis can do so by arranging for a sponsor and enrolling in this course.

Course Note: A list of possible faculty sponsors and their fields is available in Lyman 238 and on the Physics Department Web page. Course enrollment forms may be obtained from Lyman 238.

PHYSICS 91R

Supervised Reading Course for Undergraduates

Course ID: 110569
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Anna Kales

Open to selected concentrators in Physics, Chemistry and Physics, and other fields who wish to do supervised reading and studying of special topics in physics. Ordinarily such topics do not include those covered in a regular course of the Department. Honor grades in Physics 15 and a number of intermediate-level courses are ordinarily required. The student must be accepted by a member of the faculty.

Course Note: A list of possible faculty sponsors and their fields is available in Lyman 238 and on the Physics Department's website. Course enrollment forms may be obtained from Lyman 238.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 91R

Supervised Reading Course for Undergraduates

Course ID: 110569
2026 Spring (4 Credits)

No meeting time listed

Anna Kales

Open to selected concentrators in Physics, Chemistry and Physics, and other fields who wish to do supervised reading and studying of special topics in physics. Ordinarily such topics do not include those covered in a regular course of the Department. Honor grades in Physics 15 and a number of intermediate-level courses are ordinarily required. The student must be accepted by a member of the faculty.

Course Note: A list of possible faculty sponsors and their fields is available in Lyman 238 and on the Physics Department's website. Course enrollment forms may be obtained from Lyman 238.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 95

Topics in Current Research

Course ID: 111967
2026 Spring (4 Credits)

M 0300 PM - 0415 PM

Instructor Permission Required

Eric Mazur

This tutorial is based on the Tuesday Night Seminars. Each Tuesday night, one or two Harvard faculty members introduce their research at an accessible level, to undergraduates enrolled in the course, as well as graduate students who would like to learn about the topics investigated. The seminars illustrate how research is done, and provide examples of research projects graduate students might study if they join the faculty member's group. Before each seminar, the enrolled students read articles concerning the subject of the seminar and in the Monday class, they present and discuss the concepts. Students learn how to express scientific concepts verbally, and in writing for their final report. The course is aimed at juniors and seniors who are familiar with the basics in classical mechanics, electricity and magnetism, and quantum mechanics. Before each seminar enrolled students meet with the faculty presenter and discuss the career trajectory.

Course Note: Primarily for junior and senior concentrators, however interested sophomores are welcome.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 95

Topics in Current Research

Course ID: 111967
2025 Fall (4 Credits)

T 0730 PM - 0845 PM

Melissa Franklin

This tutorial is based on the Tuesday Night Seminars. Each Tuesday night, one or two Harvard faculty members introduce their research at an accessible level, to undergraduates enrolled in the course, as well as graduate students who would like to learn about the topics investigated. The seminars illustrate how research is done, and provide examples of research projects graduate students might study if they join the faculty member's group. Before each seminar, the enrolled students read articles concerning the subject of the seminar and in the Monday class, they present and discuss the concepts. Students learn how to express scientific concepts

verbally, and in writing for their final report. The course is aimed at juniors and seniors who are familiar with the basics in classical mechanics, electricity and magnetism, and quantum mechanics. Before each seminar enrolled students meet with the faculty presenter and discuss the career trajectory.

Course Note: Primarily for junior and senior concentrators, however interested sophomores are welcome. Fridays 3:00pm to 4:00pm will be lab visits.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 101

Statistical Inference for Scientists and Engineers

TR 0900 AM - 1015 AM

Efthimios Kaxiras

Introductory statistical methods for students in the applied sciences and engineering. Random variables and probability distributions; the concept of random sampling, including random samples, statistics, and sampling distributions; the Central Limit Theorem; parameter estimation; confidence intervals; hypothesis testing; simple linear regression; and multiple linear regression. Introduction to more advanced techniques as time permits.

Math 21a and Applied Math 10 (can be taken concurrently).

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 226447

2025 Fall (4 Credits)

PHYSICS 106

Mathematical Methods for Physics

WF 1200 PM - 0115 PM

David Morin

This course is designed to give students the mathematical tools that will be helpful in their physics courses. Topics include: Fourier analysis, special functions, tensors, differential equations, contour integration, group theory, probability, statistics, variational principle, phase space, Green's functions, transforms.

Mathematics 21a and 21b; Physics 15a and 15b

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 224281

2026 Spring (4 Credits)

PHYSICS 113

Electronics for Physicists

TR 0130 PM - 0415 PM

Kathryn Ledbetter

Introduction to electronics for the physical sciences, focusing on skills applicable to laboratory work. Topics include instruments (multimeter, oscilloscope, function generator, power supply), analog circuits (amplifiers, filters, integrators), digital logic, analog/digital interfaces, noise reduction, PID control, and microcontrollers. Emphasis on circuit understanding and use of laboratory instrumentation. The class meets twice weekly, with an hour of lecture/discussion, followed by lab.

Some familiarity with resistance, capacitance, inductance, and dc circuits (e.g., Physics 12B, 15B, or equivalent) is helpful; no prior coursework or experience with electronics is required.

FAS Divisional Distribution: None

Course ID: 216641

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 123

Laboratory Electronics

TR 0130 PM - 0530 PM

Kathryn Ledbetter

An introduction to electronic circuit design intended to develop circuit intuition and debugging skills through daily design exercises, discussion and hands-on lab exercises. The approach is intensely practical, minimizing theory. Moves quickly from passive circuits to discrete transistors, then concentrates on operational amplifiers, used to make a variety of circuits including integrators, oscillators, regulators, and filters. The digital half of the course treats analog-digital interfacing, emphasizes the use of microcontrollers and programmable logic devices (PLDs).

HARVARD UNIVERSITY 1374 of 1792

Course ID: 124108

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Physics 123 is the same course as Physics 223; if you are a graduate student, please enroll in 223. Limited to 20 students.

Some prior experience with computer programming, especially C or Arduino is helpful.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 125

Course ID: 120167
2025 Fall (4 Credits)

Widely Applied Physics

TR 1200 PM - 0115 PM

David Morin

Uses physics to analyze important technologies and real-world systems. Stresses estimation and "back of the envelope" calculations, as are commonly used by research physicists. New physical concepts are introduced as necessary. Example topics: energy production and storage, nuclear physics, nuclear power and weapons, health effects of radiation, risk analysis, airplanes, spy satellites, rockets, fluids, water waves, mechanical design and failure, global warming, and cosmology. Emphasis is on developing physical intuition and the ability to do order-of-magnitude calculations.

Physics 15a, b, c, and mathematics at the level of Mathematics 21a. Physics 143a and 181 are very helpful, and may be taken concurrently.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 137

Course ID: 218289
2026 Spring (4 Credits)

Philosophy of Quantum Theory

TR 0130 PM - 0245 PM

Instructor Permission Required

Jacob Barandes

Quantum theory is our most empirically successful scientific framework. The theory reliably accounts for the measurement results of atomic clocks and particle accelerators to many decimal places, and much of our modern technology relies on it. However, the theory's axiomatic foundations are arguably either inconsistent or incomplete, and there is still no consensus over what the theory entails about the world. This course will cover the century-long effort to resolve these mysteries and others, a story that features fantastical notions like parallel universes, pilot waves, quasi-probabilities, alive-and-dead cats, and spooky action at a distance. Throughout the course, we will engage with many relevant questions in philosophy, from determinism and causation to epistemology and the meaning of probability. Assessments: The course will have weekly homework assignments consisting of a mixture of primary-source readings, short essays, and mathematical exercises. The course will not have any exams. We will conclude with a final paper on a topic that students can choose from a list of available prompts.

Course Note: This course is cross-listed as Philosophy 151 and Physics 137. When taken as Philosophy 151, this course satisfies a divisional distribution in Arts and Humanities. When taken as Physics 137, this course satisfies a divisional distribution in Science & Engineering & Applied Science. Either way, this course counts toward the concentration requirements for the physics concentration.

Students should be comfortable with algebra at a level covered in most high schools. A prior experience with single-variable calculus may also be helpful.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 141

Course ID: 121885
2025 Fall (4 Credits)

The Physics of Sensory Systems in Biology

TR 0900 AM - 1015 AM

Instructor Permission Required

Aravinthan Samuel

Living organisms use sensory systems to inform themselves of the sights, sounds, and smells of their surrounding environments. Sensory systems are physical measuring devices, and are therefore subject to certain limits imposed by physics. Here we will consider the physics of sensory measurement and perception, and study ways that biological systems have solved their underlying physical problems. We will discuss specific cases in vision, olfaction, and hearing from a physicist's point of view.

Math 21a and 21b or the equivalent.

Requires: Anti-Requisite: Cannot be taken for credit if NEURO 141 already complete.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 143A

Quantum Mechanics I

TR 1030 AM - 1145 AM

Masahiro Morii

Introduction to nonrelativistic quantum mechanics: uncertainty relations; Schrödinger equation; Dirac notation; matrix mechanics; one-dimensional problems including particle in box, tunneling, and harmonic oscillator; angular momentum, hydrogen atom, spin, Pauli principle; and if time allows: time-independent perturbation theory; and scattering.

Linear algebra including matrix diagonalization; Physics 15c or written permission of the Head Tutor.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 108465
2026 Spring (4 Credits)

PHYSICS 143A

Quantum Mechanics I

TR 1030 AM - 1145 AM

Cora Dvorkin

Introduction to nonrelativistic quantum mechanics: uncertainty relations; Schrödinger equation; Dirac notation; matrix mechanics; one-dimensional problems including particle in box, tunneling, and harmonic oscillator; angular momentum, hydrogen atom, spin, Pauli principle; and if time allows: time-independent perturbation theory; and scattering.

Linear algebra including matrix diagonalization; Physics 15c or written permission of the Head Tutor.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 108465
2025 Fall (4 Credits)

PHYSICS 143B

Quantum Mechanics II

MW 1200 PM - 0115 PM

Matteo Mitrano

Introduction to path integrals, identical particles, many-electron theory, WKB approximation, time-dependent perturbation theory, scattering theory, relativistic quantum mechanics, and basics of quantum information.

Physics 143a.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 111731
2025 Fall (4 Credits)

PHYSICS 143B

Quantum Mechanics II

TR 1030 AM - 1145 AM

Daniel Jafferis

Introduction to path integrals, identical particles, many-electron theory, WKB approximation, time-dependent perturbation theory, scattering theory, relativistic quantum mechanics, and basics of quantum information.

Physics 143a.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 111731
2026 Spring (4 Credits)

PHYSICS 151

Mechanics

TR 1200 PM - 0115 PM

Course ID: 111231
2025 Fall (4 Credits)

Arthur Jaffe

One can consider this course as a general introduction and overview to theoretical physics, even though it centers on the theoretical aspects of classical mechanics. We will study problems in the mechanics of particle motion and also problems in continuum mechanics, including classical field theory. We will consider linear systems and non-linear ones. We stress the role of conserved quantities in studying the laws of physics, and emphasize the relation between conserved quantities and symmetry. We study Lagrangian and Hamiltonian mechanics from the point of view of their relation to different fields of physics, including quantum theory. We discuss soliton solutions to some non-linear classical equations. Time permitting, we will discuss other non-linear phenomena that are important in physics.

Physics 15a, 15b or written permission of the Head Tutor; Mathematics 21a, b or equivalent.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 153

Electrodynamics

MW 1030 AM - 1145 AM

Girma Hailu

Aimed at advanced undergraduates. Emphasis on the properties and sources of the electromagnetic fields and on the wave aspects of the fields. Course starts with electrostatics and subsequently develops the Maxwell equations. Topics: electrostatics, dielectrics, magnetostatics, electrodynamics, radiation, wave propagation in various media, wave optics, diffraction and interference. A number of applications of electrodynamics and optics in modern physics are discussed.

Physics 15a, b, and c, or written permission of the Head Tutor; Mathematics 21a, b or equivalent.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 153

Electrodynamics

TR 0300 PM - 0415 PM

Sonia Paban

Aimed at advanced undergraduates. Emphasis on the properties and sources of the electromagnetic fields and on the wave aspects of the fields. Course starts with electrostatics and subsequently develops the Maxwell equations. Topics: electrostatics, dielectrics, magnetostatics, electrodynamics, radiation, wave propagation in various media, wave optics, diffraction and interference. A number of applications of electrodynamics and optics in modern physics are discussed.

Physics 15a, b, and c, or written permission of the Head Tutor; Mathematics 21a, b or equivalent.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 160

Introduction to quantum information science

MW 0900 AM - 1015 AM

Susanne Yelin

Introduction to quantum information science, including quantum computation, communication and metrology. Emphasis on fundamental principles, experimental implementations and applications. Background and theoretical techniques will be introduced.

Some quantum mechanics (could also be taken concurrently).

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 175

Laser Physics and Modern Optical Physics

WF 0130 PM - 0245 PM

Course ID: 121941
2026 Spring (4 Credits)

Mara Prentiss

Introduction to laser physics and modern optical physics aimed at advanced undergraduates. Review of electromagnetic theory and relevant aspects of quantum mechanics. Wave nature of light. Physics of basic optical elements. Propagation of focused beams, optical resonators, dielectric waveguides. Interaction of light with matter, introduction to quantum optics. Lasers. Physics of specific laser systems. Introduction to nonlinear optics. Modern applications.

Physics 15b, 15c, 143a, or permission of the instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 181

Statistical Mechanics and Thermodynamics

TR 1200 PM - 0115 PM

Girma Hailu

This course provides an introduction to statistical mechanics and thermal physics. It surveys the fundamental elements of classical and quantum statistical mechanics (ensembles and partition functions) and thermodynamics (temperature, heat, work, free energy) and their application to a variety of physical systems. Topics covered may include heat engines, solid-state physics, blackbody radiation, phase transitions, physical chemistry, stellar physics, quantum information, Bose-Einstein condensation, and transport phenomena.

Course Note: May not be taken for credit in addition to Engineering Sciences 181.

Physics 143a or equivalent.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 181

Statistical Mechanics and Thermodynamics

MW 0300 PM - 0415 PM

Sonia Paban

This course provides an introduction to statistical mechanics and thermal physics. It surveys the fundamental elements of classical and quantum statistical mechanics (ensembles and partition functions) and thermodynamics (temperature, heat, work, free energy) and their application to a variety of physical systems. Topics covered may include heat engines, solid-state physics, blackbody radiation, phase transitions, physical chemistry, stellar physics, quantum information, Bose-Einstein condensation, and transport phenomena.

Course Note: May not be taken for credit in addition to Engineering Sciences 181.

Physics 143a or equivalent.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 191

Advanced Laboratory

TR 0130 PM - 0530 PM

Melissa Franklin, Amir Yacoby, Jieping Fang, Joseph Peidle, Joseph Peidle

Students will engage in the practice and discussion of experimental science by completing three projects, drawn from the fields of condensed matter, atomic, optical, nuclear, and/or particle physics. Laboratory techniques, theoretical understanding, data analysis methods, and scientific reading and writing skills are developed in collaboration with a lab partner, and with guidance from a team of experimental physics faculty and staff. Students will learn to write the results of each project in a format that is appropriate for a peer-reviewed journal. Available experiments range from classics of the twentieth century such as relativistic mass of the electron, lifetime of the muon, superfluid helium, and the quantum Hall effect, to topics of current interest such as slow light, nitrogen-vacancy centers in diamond, superconductivity and the Meissner effect, optical tweezers, and ultrafast optical spectroscopy.

Course Note: A substantial amount of outside reading is expected. Physics 191 is the same course as Physics 247; if you are a graduate student, please enroll in 247.

Physics 15a or 16, 15b, 15c. Physics 143a is highly recommended; 181 is also useful.

Course ID: 143450

2026 Spring (4 Credits)

Course ID: 143450

2025 Fall (4 Credits)

Course ID: 121993

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 191**Advanced Laboratory**

TR 0130 PM - 0530 PM

Matteo Mitrano, Amir Yacoby

Course ID: 121993

2026 Spring (4 Credits)

Instructor Permission Required

Students will engage in the practice and discussion of experimental science by completing three projects, drawn from the fields of condensed matter, atomic, optical, nuclear, and/or particle physics. Laboratory techniques, theoretical understanding, data analysis methods, and scientific reading and writing skills are developed in collaboration with a lab partner, and with guidance from a team of experimental physics faculty and staff. Students will learn to write the results of each project in a format that is appropriate for a peer-reviewed journal. Available experiments range from classics of the twentieth century such as relativistic mass of the electron, lifetime of the muon, superfluid helium, and the quantum Hall effect, to topics of current interest such as slow light, nitrogen-vacancy centers in diamond, superconductivity and the Meissner effect, optical tweezers, and ultrafast optical spectroscopy.

Course Note: A substantial amount of outside reading is expected. Physics 191 is the same course as Physics 247; if you are a graduate student, please enroll in 247.

Physics 15a or 16, 15b, 15c. Physics 143a is highly recommended; 181 is also useful.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 195A**Introduction to Solid State Physics**

MW 0300 PM - 0415 PM

Jenny Hoffman

Course ID: 112107

2025 Fall (4 Credits)

The physics of crystalline solids and their electric, magnetic, optical, and thermal properties. Designed as a first course in solid-state physics. Topics: free electron model; Drude model; the physics of crystal binding; crystal structure and vibration (phonons); x-ray diffraction; electrons in solids (Bloch theorem) and electronic band structures; metals and insulators; semiconductors (and their applications in pn junctions and transistors); magnetism; superconductivity.

Course Note: Physics 195a is also offered as Applied Physics 195a. Students may not take both for credit.

Physics 15a, 15b and 15c or the equivalent. Physics 143a. Physics 181 and Physics 143b (taken concurrently) helpful but not required.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 195B**Introduction to Quantum Materials and Devices**

MWF 0300 PM - 0415 PM

Robert Westervelt

Course ID: 218288

2026 Spring (4 Credits)

This course provides an introduction to quantum materials and devices, including low-dimensional materials, single and double quantum dots, Josephson junctions, and graphene. Their behavior is explained using quantum and semiclassical transport, the Coulomb blockade, and superconductivity. Quantum devices offer new approaches for electronics and photonics.

Course Note: Formerly ENGSCI 171. Physics 195b is also offered as Applied Physics 195b. Students may not take both for credit.

Applied Physics 195A or Physics 195A, and Physics 143A or ES 170.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 201**Data Analysis for the Physical Sciences**

MWF 1030 AM - 1145 AM

Vinothan Manoharan

Course ID: 161201

2026 Spring (4 Credits)

This course covers methods for analyzing experimental data. Students will learn a Bayesian framework for statistical inference, modern computational methods such as Markov-chain Monte Carlo techniques, and the application to problems in particle physics, biophysics, condensed matter, applied physics, astrophysics, and other fields. The course emphasizes an intuitive, principled approach to data analysis and will involve discussions of ethics and reproducible research.

Course Note: This course is suitable for students with limited or rusty programming skills. Students with more advanced programming skills may wish to take APMTH 207 or ENG-SCI 255.

Research experience commensurate with that of a first-year (or higher) PhD student in experimental physics. Students without such experimental experience must have taken Physics 191 or Physics 247 (or equivalent) first.

FAS Divisional Distribution: None

Quantitative Reasoning with Data: Yes

PHYSICS 210

General Theory of Relativity

MWF 0300 PM - 0415 PM

Jordan Cotler

An introduction to general relativity: the principle of equivalence, Riemannian geometry, Einstein's field equation, the Schwarzschild solution, the Newtonian limit, experimental tests, black holes.

Physics 143a (quantum mechanics), 151 (mechanics) and 153 (electromagnetism), and Mathematics 21 (multivariable calculus) or equivalents.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 211BR

Introduction to Classical and Quantum Black Holes

W 0315 PM - 0515 PM

Andrew Strominger

A modern introduction to the theory of black holes, including the causal structure of Kerr, photon rings, the laws of black hole thermodynamics, energy extraction, Hawking radiation, the information paradox, black holes in two and three dimensions and holography.

Quantum Field Theory and General Relativity.

PHYSICS 212

Cosmology

TR 1030 AM - 1145 AM

Cora Dvorkin

Graduate course on Physical Cosmology. Topics will include: the physics of Inflation, Cosmic Microwave Background anisotropies, evidence for Dark Matter, discovery of the accelerated expansion of the Universe, primordial gravitational waves, gravitational lensing, likelihood analysis, structure formation.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 218

Quantum Chaos and Localization

TR 1030 AM - 1145 AM

Eric Heller

The important subject of quantum ergodicity and thermalization is under active investigation. This course is designed to address the questions that arise, developing the fundamental tools right up to the research frontier. Chaos theory, Anderson localization, scarring, random matrix theory, decoherence, entanglement, and measurement theory are considered. As much as possible, this course will adopt a seminar format, with student discussion and presentations becoming more important as the term progresses.

Course ID: 114266
2026 Spring (4 Credits)

Course ID: 225904
2026 Spring (4 Credits)

Course ID: 203431
2026 Spring (4 Credits)

Course ID: 110678
2026 Spring (4 Credits)

PHYSICS 223

Electronics for Scientists

TR 0130 PM - 0530 PM

Kathryn Ledbetter

Course ID: 109346

2025 Fall (4 Credits)

Instructor Permission Required

An introduction to electronic circuit design intended to develop circuit intuition and debugging skills through daily design exercises, discussion and hands-on lab exercises. The approach is intensely practical, minimizing theory. Moves quickly from passive circuits to discrete transistors, then concentrates on operational amplifiers, used to make a variety of circuits including integrators, oscillators, regulators, and filters. The digital half of the course treats analog-digital interfacing, emphasizes the use of microcontrollers and programmable logic devices (PLDs).

Course Note: Physics 223 is the same course as Physics 123; if you are an undergraduate student, please enroll in 123. Limited to 20 students.

Some prior experience with computer programming, especially C or Arduino is helpful.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 231

Computational Neuroscience

MW 0300 PM - 0415 PM

Haim Sompolinsky

Course ID: 217838

2026 Spring (4 Credits)

Follows trends in modern brain theory, focusing on local neuronal circuits as basic computational modules. Explores the relation between network architecture, dynamics, and function. Introduces tools from information theory, statistical inference, and the learning theory for the study of experience-dependent neural codes. Specific topics: computational principles of early sensory systems; adaptation and gain control in vision, dynamics of recurrent networks; feature selectivity in cortical circuits; memory; learning and synaptic plasticity; noise and chaos in neuronal systems.

Course Note: Also offered as Neuro 231 and MCB 231. Cannot be taken for credit as Physics 231 if Neuro 231 or MCB 231 is already complete.

Basic knowledge of multivariate calculus, differential equations, linear algebra, and elementary probability theory.

Requires: Anti-Requisite: Cannot be taken for credit if MCB 131 or Neuro 131 already complete.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 232

Advanced Electromagnetism

MW 0300 PM - 0415 PM

David R. Nelson

Course ID: 112263

2026 Spring (4 Credits)

Maxwell's equations, conservation laws, Green's functions, time-dependent solutions and radiation, scattering and diffraction, and gauge and Lorentz invariance. Time permitting: negative refractive index materials and radiation from rapidly accelerating charges.

Physics 153 and Applied Mathematics 105a, 105b, or equivalent.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 233

Special Topics in Electricity and Magnetism

MW 0300 PM - 0415 PM

David R. Nelson

Course ID: 226478

2025 Fall (4 Credits)

Special topics in electricity and magnetism, beyond subjects usually covered in a one semester graduate course such as P232. The course will start by reviewing the electrodynamics of continuous media and then move on to natural focusing and the fine structure of light, magnetohydrodynamics and the electromagnetic properties of superconductors.

PHYSICS 245

Particle Physics

WF 0130 PM - 0245 PM

Carlos Arguelles Delgado

Foundations of particle physics with emphasis on fundamental concepts. Basic structures of quantum electrodynamics, quantum chromodynamics, and electroweak interactions will be covered.

Two terms of quantum mechanics, e.g., Physics 143a, b or equivalent.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 133281

2025 Fall (4 Credits)

PHYSICS 247

Laboratory Course in Contemporary Physics

TR 0130 PM - 0530 PM

Melissa Franklin, Amir Yacoby, Jieping Fang, Joseph Peidle, Joseph Peidle

Students will engage in the practice and discussion of experimental science by completing three projects, drawn from the fields of condensed matter, atomic, optical, nuclear, and/or particle physics. Laboratory techniques, theoretical understanding, data analysis methods, and scientific reading and writing skills are developed in collaboration with a lab partner, and with guidance from a team of experimental physics faculty and staff. Students will learn to write the results of each project in a format that is appropriate for a peer-reviewed journal. Available experiments range from classics of the twentieth century such as relativistic mass of the electron, lifetime of the muon, superfluid helium, and the quantum Hall effect, to topics of current interest such as slow light, nitrogen-vacancy centers in diamond, superconductivity and the Meissner effect, optical tweezers, and ultrafast optical spectroscopy.

Course Note: A substantial amount of outside reading is expected. Physics 247 is the same course as Physics 191; if you are an undergraduate, please enroll in 191.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 145024

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 247

Laboratory Course in Contemporary Physics

TR 0130 PM - 0530 PM

Matteo Mitrano, Amir Yacoby, Jieping Fang, Joseph Peidle, Joseph Peidle

Students will engage in the practice and discussion of experimental science by completing three projects, drawn from the fields of condensed matter, atomic, optical, nuclear, and/or particle physics. Laboratory techniques, theoretical understanding, data analysis methods, and scientific reading and writing skills are developed in collaboration with a lab partner, and with guidance from a team of experimental physics faculty and staff. Students will learn to write the results of each project in a format that is appropriate for a peer-reviewed journal. Available experiments range from classics of the twentieth century such as relativistic mass of the electron, lifetime of the muon, superfluid helium, and the quantum Hall effect, to topics of current interest such as slow light, nitrogen-vacancy centers in diamond, superconductivity and the Meissner effect, optical tweezers, and ultrafast optical spectroscopy.

Course Note: A substantial amount of outside reading is expected. Physics 247 is the same course as Physics 191; if you are an undergraduate, please enroll in 191.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 145024

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 251A

Advanced Quantum Mechanics I

WF 0130 PM - 0245 PM

Eslam Khalaf

Basic course in nonrelativistic quantum mechanics. Review of wave functions and the Schrödinger Equation;

Course ID: 111314

2025 Fall (4 Credits)

Hilbert space; the WKB approximation; central forces and angular momentum; spins and their addition, measurement theory; the density matrix; perturbation theory.

Physics 143a, b or equivalent, or permission of instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 251B

Advanced Quantum Mechanics II

TR 0130 PM - 0245 PM

Eslam Khalaf

Path integrals; relativistic quantum mechanics and quantum fields; identical particles; scattering theory; quantum information theory.

Physics 251a.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 111876
2026 Spring (4 Credits)

PHYSICS 253A

Quantum Field Theory I

TR 0130 PM - 0245 PM

Matthew Schwartz

Introduction to relativistic quantum field theory. This course covers quantum electrodynamics. Topics include canonical quantization, Feynman diagrams, spinors, gauge invariance, path integrals, ultraviolet and infrared divergences, renormalization and applications to the quantum theory of the weak and gravitational forces.

Physics 143a, b or equivalents.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 122930
2025 Fall (4 Credits)

PHYSICS 253B

Quantum Field Theory II

WF 0130 PM - 0245 PM

Matthew Schwartz

A continuation of physics 253a. Topics include non-renormalizable theories, infrared divergences, the renormalization group, non-Abelian gauge theories, spinor helicity methods, spontaneous symmetry breaking, weak interactions, anomalies and quantum chromodynamics. Additional or alternative topics may be covered depending on time and interest.

Physics 253a.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 115442
2026 Spring (4 Credits)

PHYSICS 253CR

Quantum Field Theory III

TR 0130 PM - 0245 PM

Matthew Reece

Advanced topics in quantum field theory, with an emphasis on nonperturbative aspects of gauge theory. Topics will include topological aspects of gauge theories, magnetic monopoles, instantons, theta terms, Chern-Simons terms, bosonization, generalized global symmetries, anomalies, and confinement.

Quantum field theory including nonabelian gauge theory (Physics 253a, 253b)

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 118459
2025 Fall (4 Credits)

Familiarity with quantum field theory and the Standard Model (e.g., 253a, 253b and/or 254) is necessary. Familiarity with basics of cosmology and of algebraic topology would be ideal, but we will recommend reading material as we go along.

FAS Divisional Distribution: Science & Engineering & Applied Science

Theory and phenomenology of axion fields. First, we review the QFT toolkit needed to understand the Strong CP problem and axions (e.g., instantons, theta terms, Chern-Simons terms, the chiral anomaly, the chiral Lagrangian). We will discuss axion models with an emphasis on the axion quality problem and extra-dimensional axions; phenomenological aspects of axion physics (axion cosmology, axion dark matter, laboratory searches, astrophysical constraints); and theoretical developments related to axions (anomaly inflow, generalized symmetries).

Familiarity with quantum field theory and the Standard Model (e.g., Physics 253a, 253b and/or 254) is necessary. Some familiarity with cosmology would be useful, but we will review the basics.

Introduction to quantum information science and quantum computation. Emphasis on fundamental concepts including qubits and quantum operations, the nature of entanglement and its manipulation, quantum error correction, and various implementation models. Topics include: basics of quantum information, different models of quantum computing, fundamental quantum algorithms, quantum error correction, and fault tolerance; as well as experimental implementations. Recent developments in the field will be discussed.

Course Note: Physics 260b is also offered as QSE-210b. Students may not take both for credit.

Physics 260a or QSE 210a.

Basic principles of statistical physics with applications including: the equilibrium properties of classical and quantum gases; phase diagrams, phase transitions and critical points, as illustrated by the gas-liquid transition and simple magnetic models; Bose-Einstein condensation.

Course Note: Also offered as Applied Physics 284. Either course can be used to satisfy the statistical mechanics requirement in the Physics PhD program or the Applied Physics model PhD program.

Physics 143a and Physics 181 or Engineering Sciences 181.

FAS Divisional Distribution: Science & Engineering & Applied Science

W 0300 PM - 0545 PM

Ashvin Vishwanath

This is a special topics course on quantum systems of many particles, i.e. quantum matter. Primarily, we will be interested in condensed matter systems such as electrons in solids or ultra-cold atoms in optical lattices, although the concepts covered will have broader applicability. We will study well defined microscopic models but aim to understand the physics at much longer scales, where rich phenomena such as new excitations described by universal laws emerge. Often, (but not always) we will use quantum field theory to describe this physics, which may also help demystify the origin of quantum field theory in a physical setting free from infinities. Topics: 1. The 1+1D transverse field Ising model – Kramers Wannier duality, fermionization, chiral symmetry. Experimental realization in CoNb₂O₆. 2. Symmetry Protected Topological Phases and Matrix Product States. 3. Continuous symmetry breaking in 2+1D. Goldstone modes and the Anderson Tower. Non-perturbative approaches such as dualities and large N expansions. 4. Emergent Gauge Theories and topological order. Confinement and topological order. Fractional quantum Hall states and gapped quantum spin liquids. Chern-Simons theories. Toric code and higher form symmetries. Emergent electromagnetism in quantum magnets and quantum spin-ice. 5. Entanglement properties of quantum phases of matter. 6. Time permitting: Deconfined criticality, gapless Dirac spin liquids and QED₃

A strong background in quantum mechanics and statistical physics, such as Phy 143A, B and Phy 181 or equivalent.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 272

Quantum Learning Theory

MW 0300 PM - 0415 PM

Jordan Cotler, Sitan Chen

How can we use quantum computation to learn properties of quantum systems? Answering this question helps us understand the power of quantum computers in assisting experimental physicists with studying quantum materials, while also providing valuable tools for quantum ML to develop algorithms based on quantum data. Quantum learning theory has become a core subject in quantum information and computation, and this course is one of the first to present the subject in its entirety. Topics include the theory of learning quantum states and dynamics, the role of quantum memory, random and pseudorandom quantum circuits, and learning quantum many-body systems.

Course Note: Physics 272 is also offered as COMPSCI 2233. Students may not take both for credit.

Stat 110 and familiarity with quantum mechanics / quantum computing at the level of Physics 143A (quantum mechanics I) or Physics 160 (quantum information) is very strongly recommended.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 283B

Beyond the Standard Model

W 0300 PM - 0530 PM

Lisa Randall

We will study beyond the Standard Model theories with an eye both to phenomenological consequences and to connections to high energy theory. We will study supersymmetry as well as extra-dimensional theories. If time permits we will also study light axion-like particles and ways of detecting them.

The material will be largely self-contained, but some familiarity with the basics of special relativity and quantum mechanics may be useful.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 283C

Quantum Gravity

WF 0130 PM - 0245 PM

Daniel Jafferis

Topics in quantum gravity including path integral methods, AdS/CFT and bootstrap methods, connections to quantum information theory, black hole information, Lorentzian wormholes, euclidean wormholes, and de Sitter

Course ID: 226488

2025 Fall (4 Credits)

Course ID: 118724

2025 Fall (4 Credits)

Course ID: 226479

2025 Fall (4 Credits)

spacetime.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 285B

Modern Atomic and Optical Physics II

MW 1030 AM - 1145 AM

Mikhail Lukin

Introduction to quantum optics and modern atomic physics. The basic concepts and theoretical tools will be introduced. Topics will include coherence phenomena, non-classical states of light and matter, atom cooling and trapping and atom optics. The second of a two-term subject sequence that provides the foundations for contemporary research.

Course Note: Also offered as QSE 285B. Students may not take both for credit

A course in electromagnetic theory (Physics 232a or equivalent); one half-course in intermediate or advanced quantum mechanics.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 286

Inference, Information Theory, Learning and Statistical Mechanics

TR 0130 PM - 0245 PM

Sharad Ramanathan

Course ID: 138516

2025 Fall (4 Credits)

Instructor Permission Required

This course focuses on the modern applications of Statistical Mechanics. We will learn the basics of information theory, coding and compression. We will next learn about Bayesian Inference, priors and maximizing entropy, which will naturally lead us to regularization and compressed sensing. We will then cover learning: support vector machines, vc dimension, supervised, reinforcement and unsupervised learning. These topics, which build on each other, will be taught using examples in the primary literature with an emphasis on applying the framework we develop. Applications will be taught through problems in genomics, neuroscience, geophysics and engineering.

Course Note: Physics 286 is also offered as Applied Physics 286. Students may not take both for credit.

Comfort with Linear Algebra, Calculus is necessary. Undergraduate Statistical Mechanics would be useful but not necessary.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 287A

Introduction to String Theory

TR 1200 PM - 0115 PM

Xi Yin

Course ID: 111191

2025 Fall (4 Credits)

An introduction to the perturbative formulation of string theory, including lightcone and BRST quantization of bosonic and superstrings, the string S-matrix, supergravity, and D-branes.

Physics 253a, b or equivalent.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 287BR

Topics in String Theory

F 0900 AM - 1200 PM

C. Vafa

Course ID: 114008

2026 Spring (4 Credits)

A selection of topics in string theory with emphasis on geometric aspects of string compactifications and the resulting quantum systems in diverse dimensions.

PHYSICS 289R

Topics in Mathematical Physics

TR 0130 PM - 0245 PM

Arthur Jaffe

Over the past few years, the development of new mathematical picture languages led to insights in several fields, including quantum information, entanglement, entropy, error correction, uncertainty principles, Fourier analysis, and fusion algebras. This course will overview a number of these directions and develop several of these topics from scratch and in depth, relating them to statistical mechanics models and to quantum field theory.

Physics 253a.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 118733
2026 Spring (4 Credits)

PHYSICS 294

Superconductivity and superconducting devices

TR 0130 PM - 0245 PM

Philip Kim

This course focuses on the electromagnetic and quantum phenomena associated with superconductivity, as well as their applications. Topics include a phenomenological description of superconductivity, a brief survey of BCS theory, the Ginzburg-Landau theory of superconductivity, magnetic vortices, the Josephson effect, Bogoliubov-de Gennes description, superconducting qubits, and unconventional superconductivity.

One course on graduate quantum mechanics and one course on graduate statistical mechanics. Undergraduate course on solid state physics helpful, but not necessary.

Course ID: 226799
2026 Spring (4 Credits)

PHYSICS 295A

Introduction to Quantum Theory of Solids

MWF 1200 PM - 0115 PM

Philip Kim

Lattices and symmetries. Electronic Structure of Crystals. Semiclassical Transport Theory. Semiconductors. Localization. Integer Quantum Hall effect. Topological Insulators. Phonons. Additional topics from the theory of interacting electrons, including introduction to magnetism and superconductivity.

Course Note: Also offered as Applied Physics 295a. Students cannot take both for credit.

One course on graduate quantum mechanics and one course on graduate statistical mechanics. Undergraduate course on solid state physics helpful, but not necessary.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 127980
2025 Fall (4 Credits)

PHYSICS 295B

Quantum Theory of Solids

W 0300 PM - 0545 PM

Ashvin Vishwanath

A course on the application of the principles of many-particle quantum mechanics to the properties of solids. The objective is to make students familiar with the tools of second quantization and diagrammatic perturbation theory, while describing the theory of the electron liquid, the BCS theory of superconductivity, and theory of magnetism in metals and insulators. Modern topics on correlated electron systems will occupy the latter part of the course.

Course Note: Physics 295b is also offered as Applied Physics 295b. Students may not take both for credit.

Physics 251a,b, an introductory course in solid state physics, or permission of instructor.

Course ID: 127979
2026 Spring (4 Credits)

PHYSICS 296**Mesoscale and Low Dimensional Devices**

TR 0130 PM - 0245 PM

Donhee Ham

Concepts of condensed matter physics are applied to the science and technology of beyond-CMOS devices, in particular, mesoscale, low-dimensional, and superconducting devices. Topics include: quantum dots/wires/wells and two-dimensional (2D) materials; optoelectronics with confined electrons; conductance quantization, Landauer-Buttiker formalism, and resonant tunneling; magneto oscillation; integer and fractional quantum Hall effects; Berry phase and topology in condensed matter physics; various Hall effects (anomalous, spin, valley, etc.); Weyl semimetal; topological insulator; spintronic devices and circuits; collective electron behaviors in low dimensions and applications; Cooper-pair boxes and superconducting quantum circuits.

Course Note: Also offered as Applied Physics 296 and as QSE 296. Students may only take one AP 296, Physics 296, or QSE 296 for credit.

Undergrad level condensed matter physics (AP/P195).

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 297**Professional Writing for Scientists and Engineers**

W 0300 PM - 0500 PM

Suzanne Smith, Jenny Hoffman

This class leads students to develop their skills in the critical reading and writing of science and engineering. Genres will include research articles, grant proposals, school/fellowship/job applications, or lay abstracts & press releases for the non-scientific public. Crucially, students will be empowered not only to achieve their own writing goals, but also to break down these learned skills and impart them to others, as effective collaborators and mentors of younger students.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 300C**Course-Related Work***No meeting time listed*

Course ID: 210875

2025 Fall (4 Credits)

PHYSICS 300C**Course-Related Work***No meeting time listed*

Course ID: 210875

2026 Spring (4 Credits)

PHYSICS 300R**Research-Related Work***No meeting time listed*

Course ID: 210873

2025 Fall (4 Credits)

PHYSICS 300R**Research-Related Work***No meeting time listed*

Course ID: 210873

2026 Spring (4 Credits)

PHYSICS 300T

Teaching-Related Work

No meeting time listed

Course ID: 210874
2025 Fall (4 Credits)

PHYSICS 300T

Teaching-Related Work

No meeting time listed

Course ID: 210874
2026 Spring (4 Credits)

PHYSICS 302A (001S)

Teaching and Communicating Physics

W 0515 PM - 0715 PM

Course ID: 107899
2026 Spring (4 Credits)

Instructor Permission Required

Hands-on, experienced-based course for graduate students on teaching and communicating physics, conducted through practice, observation, feedback, and discussion. Departmental rules for teaching fellows, section and laboratory teaching, office hours, assignments, grading, and difficult classroom situations.

FAS Divisional Distribution: None

PHYSICS 302B

Teaching Requirement for Physics Graduate Students

No meeting time listed

Course ID: 205610
2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 302B

Teaching Requirement for Physics Graduate Students

No meeting time listed

Course ID: 205610
2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 303A

Sensory and Behavioral Neuroscience

No meeting time listed

Aravinthan Samuel

Course ID: 118884
2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 303A

Sensory and Behavioral Neuroscience

No meeting time listed

Aravinthan Samuel

Course ID: 118884
2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 303B

Sensory and Behavioral Neuroscience

No meeting time listed

Aravinthan Samuel

Course ID: 118886
2025 Fall (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 303B

Sensory and Behavioral Neuroscience

No meeting time listed

Aravinthan Samuel

Dissertation research. Not a lecture or seminar course.

Course ID: 118886

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 304A

Topics in Field Theory and String Theory

No meeting time listed

Daniel Jafferis

Course ID: 110256

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 304A

Topics in Field Theory and String Theory

No meeting time listed

Daniel Jafferis

Course ID: 110256

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 304B

Topics in Field Theory and String Theory

No meeting time listed

Daniel Jafferis

Dissertation research. Not a lecture or seminar course.

Course ID: 110257

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 304B

Topics in Field Theory and String Theory

No meeting time listed

Daniel Jafferis

Dissertation research. Not a lecture or seminar course.

Course ID: 110257

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 305A

Experimental High Energy Physics

No meeting time listed

John Huth

Course ID: 122762

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 305A

Experimental High Energy Physics

No meeting time listed

John Huth

Course ID: 122762

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 305B

Experimental High Energy Physics

No meeting time listed

John Huth

Course ID: 123959

2025 Fall (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 305B

Experimental High Energy Physics

No meeting time listed

John Huth

Dissertation research. Not a lecture or seminar course.

Course ID: 123959
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 306A

Experimental Physics in Quantum Materials

No meeting time listed

Julia Mundy

Course ID: 211047
2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 306A

Experimental Physics in Quantum Materials

No meeting time listed

Julia Mundy

Course ID: 211047
2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 306B

Experimental Physics in Quantum Materials

No meeting time listed

Julia Mundy

Dissertation research. Not a lecture or seminar course.

Course ID: 211048
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 306B

Experimental Physics in Quantum Materials

No meeting time listed

Julia Mundy

Dissertation research. Not a lecture or seminar course.

Course ID: 211048
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 307A

Atomic/Bio-physics, Quantum Optics

No meeting time listed

Lene Hau

Course ID: 114638
2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 307A

Atomic/Bio-physics, Quantum Optics

No meeting time listed

Lene Hau

Course ID: 114638
2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 307B	Course ID: 114639
Atomic/Bio-physics, Quantum Optics	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Lene Hau</i>	
Dissertation research. Not a lecture or seminar course.	
FAS Divisional Distribution: None	

PHYSICS 307B	Course ID: 114639
Atomic/Bio-physics, Quantum Optics	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Lene Hau</i>	
Dissertation research. Not a lecture or seminar course.	
FAS Divisional Distribution: None	

PHYSICS 308A	Course ID: 215745
Experimental Astrophysics and Cosmology	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>John Kovac</i>	

PHYSICS 308A	Course ID: 215745
Experimental Astrophysics and Cosmology	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>John Kovac</i>	

PHYSICS 308B	Course ID: 215746
Experimental Astrophysics and Cosmology	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>John Kovac</i>	
Dissertation research. Not a lecture or seminar course.	
FAS Divisional Distribution: None	

PHYSICS 308B	Course ID: 215746
Experimental Astrophysics and Cosmology	2026 Spring (4 Credits)
<i>No meeting time listed</i>	
<i>John Kovac</i>	
Dissertation research. Not a lecture or seminar course.	
FAS Divisional Distribution: None	

PHYSICS 309A	Course ID: 114009
Introduction to String Theory	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>C. Vafa</i>	

PHYSICS 309A
Introduction to String Theory
No meeting time listed
C. Vafa

Course ID: 114009
2026 Spring (4 Credits)
Instructor Permission Required

PHYSICS 309B
Topics in Elementary Particle Theory
No meeting time listed
C. Vafa

Course ID: 114014
2025 Fall (4 Credits)
Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 309B
Topics in Elementary Particle Theory
No meeting time listed
C. Vafa

Course ID: 114014
2026 Spring (4 Credits)
Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 310A
Experimental Condensed Matter Physics and Biophysics
No meeting time listed
Hongkun Park

Course ID: 215747
2025 Fall (4 Credits)
Instructor Permission Required

PHYSICS 310A
Experimental Condensed Matter Physics and Biophysics
No meeting time listed
Hongkun Park

Course ID: 215747
2026 Spring (4 Credits)
Instructor Permission Required

PHYSICS 310B
Experimental Condensed Matter Physics and Biophysics
No meeting time listed
Hongkun Park

Course ID: 215748
2025 Fall (4 Credits)
Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 310B
Experimental Condensed Matter Physics and Biophysics
No meeting time listed
Hongkun Park

Course ID: 215748
2026 Spring (4 Credits)
Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 311A	Course ID: 148189
Experimental Atomic, Molecular, and Low-Energy Particle Physics	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>John Doyle</i>	

PHYSICS 311A	Course ID: 148189
Experimental Atomic, Molecular, and Low-Energy Particle Physics	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>John Doyle</i>	

PHYSICS 311B	Course ID: 143819
Experimental Atomic, Molecular, and Low-Energy Particle Physics	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>John Doyle</i>	

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 311B	Course ID: 143819
Experimental Atomic, Molecular, and Low-Energy Particle Physics	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>John Doyle</i>	

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 312A	Course ID: 215749
Topics in Statistical Physics	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Michael P. Brenner</i>	

PHYSICS 312A	Course ID: 215749
Topics in Statistical Physics	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Michael P. Brenner</i>	

PHYSICS 312B	Course ID: 215750
Topics in Statistical Physics	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Michael P. Brenner</i>	

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 312B	Course ID: 215750
Topics in Statistical Physics	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>

Michael P. Brenner

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 313A

Experimental Condensed Matter Physics

No meeting time listed

Amir Yacoby

Course ID: 122839

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 313A

Experimental Condensed Matter Physics

No meeting time listed

Amir Yacoby

Course ID: 122839

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 313B

Experimental Condensed Matter Physics

No meeting time listed

Amir Yacoby

Course ID: 122840

2025 Fall (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 313B

Experimental Condensed Matter Physics

No meeting time listed

Amir Yacoby

Course ID: 122840

2026 Spring (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 314A

Ultrafast dynamics of quantum materials

No meeting time listed

Matteo Mitrano

Course ID: 216655

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 314A

Ultrafast dynamics of quantum materials

No meeting time listed

Matteo Mitrano

Course ID: 216655

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 314B

Ultrafast dynamics of quantum materials

No meeting time listed

Matteo Mitrano

Course ID: 216656

2025 Fall (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

PHYSICS 314B

Ultrafast dynamics of quantum materials

No meeting time listed

Matteo Mitrano

Dissertation research. Not a lecture or seminar course.

Course ID: 216656

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 315A

Topics in Theoretical Atomic, Molecular, and Condensed Matter Physics

No meeting time listed

Eric Heller

Course ID: 121332

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 315A

Topics in Theoretical Atomic, Molecular, and Condensed Matter Physics

No meeting time listed

Eric Heller

Course ID: 121332

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 315B

Topics in Theoretical Atomic, Molecular, and Condensed Matter Physics

No meeting time listed

Eric Heller

Dissertation research. Not a lecture or seminar course.

Course ID: 145282

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 315B

Topics in Theoretical Atomic, Molecular, and Condensed Matter Physics

No meeting time listed

Eric Heller

Dissertation research. Not a lecture or seminar course.

Course ID: 145282

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 316A

Topics in biophysics and physical chemistry

No meeting time listed

Adam Cohen

Course ID: 215741

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 316A

Topics in biophysics and physical chemistry

No meeting time listed

Adam Cohen

Course ID: 215741

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 316B

Topics in biophysics and physical chemistry

No meeting time listed

Adam Cohen

Dissertation research. Not a lecture or seminar course.

Course ID: 215742

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 316B

Topics in biophysics and physical chemistry

No meeting time listed

Adam Cohen

Dissertation research. Not a lecture or seminar course.

Course ID: 215742

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 317A

Topics in Biophysics

No meeting time listed

Xiaowei Zhuang

Course ID: 119763

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 317A

Topics in Biophysics

No meeting time listed

Xiaowei Zhuang

Course ID: 119763

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 317B

Topics in Biophysics

No meeting time listed

Xiaowei Zhuang

Dissertation research. Not a lecture or seminar course.

Course ID: 119764

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 317B

Topics in Biophysics

No meeting time listed

Xiaowei Zhuang

Dissertation research. Not a lecture or seminar course.

Course ID: 119764

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 318A

High-Energy Neutrino Physics

No meeting time listed

Carlos Argüelles Delgado

Course ID: 216657

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 318A
High-Energy Neutrino Physics

No meeting time listed
Carlos Arguelles Delgado

Course ID: 216657
2026 Spring (4 Credits)
Instructor Permission Required

PHYSICS 318B
High-Energy Neutrino Physics

No meeting time listed
Carlos Arguelles Delgado

Course ID: 216658
2025 Fall (4 Credits)
Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 318B
High-Energy Neutrino Physics

No meeting time listed
Carlos Arguelles Delgado

Course ID: 216658
2026 Spring (4 Credits)
Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 319A
Topics in Experimental High Energy Physics

No meeting time listed
Melissa Franklin

Course ID: 113986
2025 Fall (4 Credits)
Instructor Permission Required

PHYSICS 319A
Topics in Experimental High Energy Physics

No meeting time listed
Melissa Franklin

Course ID: 113986
2026 Spring (4 Credits)
Instructor Permission Required

PHYSICS 319B
Topics in Experimental High Energy Physics

No meeting time listed
Melissa Franklin

Course ID: 113987
2025 Fall (4 Credits)
Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 319B
Topics in Experimental High Energy Physics

No meeting time listed
Melissa Franklin

Course ID: 113987
2026 Spring (4 Credits)
Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 320A

Topics in Theoretical AMO / Quantum Optics

No meeting time listed

Susanne Yelin

Course ID: 217917

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 320A (01)

Topics in Theoretical AMO / Quantum Optics

No meeting time listed

Susanne Yelin

Course ID: 217917

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 320B

Topics in theoretical AMO/Quantum Optics

No meeting time listed

Susanne Yelin

Course ID: 217918

2025 Fall (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 320B

Topics in theoretical AMO/Quantum Optics

No meeting time listed

Susanne Yelin

Course ID: 217918

2026 Spring (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 321A

Experimental Soft Condensed Matter Physics

No meeting time listed

David Weitz

Course ID: 112282

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 321A

Experimental Soft Condensed Matter Physics

No meeting time listed

David Weitz

Course ID: 112282

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 321B

Experimental Soft Condensed Matter Physics

No meeting time listed

David Weitz

Course ID: 112283

2025 Fall (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 321B

Experimental Soft Condensed Matter Physics

No meeting time listed

David Weitz

Course ID: 112283

2026 Spring (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 322A Physics of Soft, Active and Sentient Matter <i>No meeting time listed</i> <i>L Mahadevan</i>	Course ID: 215739 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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PHYSICS 322A Physics of Soft, Active and Sentient Matter <i>No meeting time listed</i> <i>L Mahadevan</i>	Course ID: 215739 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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PHYSICS 322B Physics of Soft, Active and Sentient Matter <i>No meeting time listed</i> <i>L Mahadevan</i>	Course ID: 215740 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 322B Physics of Soft, Active and Sentient Matter <i>No meeting time listed</i> <i>L Mahadevan</i>	Course ID: 215740 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 323A Topics in Condensed Matter Physics <i>No meeting time listed</i> <i>Ashvin Vishwanath</i>	Course ID: 203753 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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PHYSICS 323A Topics in Condensed Matter Physics <i>No meeting time listed</i> <i>Ashvin Vishwanath</i>	Course ID: 203753 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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PHYSICS 323B Topics in Condensed Matter Physics <i>No meeting time listed</i> <i>Ashvin Vishwanath</i>	Course ID: 203754 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 323B
Topics in Condensed Matter Physics

No meeting time listed
Ashvin Vishwanath

Dissertation research. Not a lecture or seminar course.

Course ID: 203754
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 324A
Topics in Modern Astrophysics

No meeting time listed
Douglas Finkbeiner

Course ID: 204541
2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 324A
Topics in Modern Astrophysics

No meeting time listed
Douglas Finkbeiner

Course ID: 204541
2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 324B
Topics in Modern Astrophysics

No meeting time listed
Douglas Finkbeiner

Course ID: 204542
2025 Fall (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 324B
Topics in Modern Astrophysics

No meeting time listed
Douglas Finkbeiner

Course ID: 204542
2026 Spring (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 325A
Theoretical Neuroscience and Artificial Intelligence

No meeting time listed
Haim Sompolinsky

Course ID: 220798
2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 325A
Theoretical Neuroscience and Artificial Intelligence

No meeting time listed
Haim Sompolinsky

Course ID: 220798
2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 325B
Theoretical Neuroscience and Artificial Intelligence

No meeting time listed

Course ID: 220799
2025 Fall (4 Credits)

Instructor Permission Required

Haim Sompolsky

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 325B

Theoretical Neuroscience and Artificial Intelligence

No meeting time listed

Haim Sompolsky

Dissertation research. Not a lecture or seminar course.

Course ID: 220799

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 326A

Physical Chemistry and Atomic Physics

No meeting time listed

Kang-Kuen Ni

Course ID: 221656

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 326A

Physical Chemistry and Atomic Physics

No meeting time listed

Kang-Kuen Ni

Course ID: 221656

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 326B

Physical Chemistry and Atomic Physics

No meeting time listed

Kang-Kuen Ni

Dissertation research. Not a lecture or seminar course.

Course ID: 221657

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 326B

Physical Chemistry and Atomic Physics

No meeting time listed

Kang-Kuen Ni

Dissertation research. Not a lecture or seminar course.

Course ID: 221657

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 327A

Topics in Condensed Matter Physics

No meeting time listed

David R. Nelson

Course ID: 117548

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 327A

Topics in Condensed Matter Physics

No meeting time listed

Course ID: 117548

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 327B

Topics in Condensed Matter Physics

No meeting time listed

David R. Nelson

Dissertation research. Not a lecture or seminar course.

Course ID: 118814

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 327B

Topics in Condensed Matter Physics

No meeting time listed

David R. Nelson

Dissertation research. Not a lecture or seminar course.

Course ID: 118814

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 328A

Topics in Condensed Matter Theory

No meeting time listed

Eslam Khalaf

Course ID: 222968

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 328A (002)

Topics in Condensed Matter Theory

No meeting time listed

Eslam Khalaf

Course ID: 222968

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 328B

Topics in Condensed Matter Theory

No meeting time listed

Eslam Khalaf

Dissertation research. Not a lecture or seminar course.

Course ID: 222969

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 328B

Topics in Condensed Matter Theory

No meeting time listed

Eslam Khalaf

Dissertation research. Not a lecture or seminar course.

Course ID: 222969

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICS 329A

Topics in Active / Living Matter Physics

No meeting time listed

Course ID: 226582

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 329A

Topics in Active / Living Matter Physics

No meeting time listed

Sunghan Ro

Course ID: 226582

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 329B

Topics in Active / Living Matter Physics

No meeting time listed

Sunghan Ro

Course ID: 226583

2026 Spring (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or a seminar course.

PHYSICS 329B

Topics in Active / Living Matter Physics

No meeting time listed

Sunghan Ro

Course ID: 226583

2025 Fall (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or a seminar course.

PHYSICS 330A

Topics in Experimental Quantum Physics

No meeting time listed

Xing Fan

Course ID: 226584

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 330A

Topics in Experimental Quantum Physics

No meeting time listed

Xing Fan

Course ID: 226584

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 330B

Topics in Experimental Quantum Physics

No meeting time listed

Xing Fan

Course ID: 226585

2026 Spring (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

PHYSICS 330B

Topics in Experimental Quantum Physics

No meeting time listed

Xing Fan

Course ID: 226585

2025 Fall (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

PHYSICS 331A

Topics in String Theory

No meeting time listed

Xi Yin

Course ID: 125320

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 331A

Topics in String Theory

No meeting time listed

Xi Yin

Course ID: 125320

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 331B

Topics in String Theory

No meeting time listed

Xi Yin

Course ID: 125321

2025 Fall (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 331B

Topics in String Theory

No meeting time listed

Xi Yin

Course ID: 125321

2026 Spring (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 333A

Experimental Atomic Physics

No meeting time listed

Mara Prentiss

Course ID: 112040

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 333A

Experimental Atomic Physics

No meeting time listed

Mara Prentiss

Course ID: 112040

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 333B

Experimental Atomic Physics

No meeting time listed

Mara Prentiss

Course ID: 112042

2026 Spring (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 333B

Experimental Atomic Physics

No meeting time listed

Mara Prentiss

Course ID: 112042

2025 Fall (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 334A	Course ID: 219976
Theoretical and Experimental Evolutionary Dynamics	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Michael Desai</i>	

PHYSICS 334A	Course ID: 219976
Theoretical and Experimental Evolutionary Dynamics	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Michael Desai</i>	

PHYSICS 334B	Course ID: 219977
Theoretical and Experimental Evolutionary Dynamics	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Michael Desai</i>	

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 334B	Course ID: 219977
Theoretical and Experimental Evolutionary Dynamics	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Michael Desai</i>	

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 335A	Course ID: 226818
Topics in Experimental Astroparticle Physics and Quantum Sensing	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Stefan Knirck</i>	

PHYSICS 335A	Course ID: 226818
Topics in Experimental Astroparticle Physics and Quantum Sensing	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Stefan Knirck</i>	

PHYSICS 335B	Course ID: 226819
Topics in Experimental Astroparticle Physics and Quantum Sensing	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Stefan Knirck</i>	

Dissertation research. Not a lecture or seminar course.

PHYSICS 335B

Topics in Experimental Astroparticle Physics and Quantum Sensing

No meeting time listed

Stefan Knirck

Dissertation research. Not a lecture or seminar course.

Course ID: 226819

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 337A

Topics in Experimental High Energy Physics

No meeting time listed

Masahiro Morii

Course ID: 114834

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 337A

Topics in Experimental High Energy Physics

No meeting time listed

Masahiro Morii

Course ID: 114834

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 337B

Topics in Experimental High Energy Physics

No meeting time listed

Masahiro Morii

Dissertation research. Not a lecture or seminar course.

Course ID: 114835

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 337B

Topics in Experimental High Energy Physics

No meeting time listed

Masahiro Morii

Dissertation research. Not a lecture or seminar course.

Course ID: 114835

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 339A

Condensed Matter and Atomic Physics

No meeting time listed

Subir Sachdev

Course ID: 120869

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 339A

Condensed Matter and Atomic Physics

No meeting time listed

Subir Sachdev

Course ID: 120869

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 339B

Condensed Matter and Atomic Physics

No meeting time listed

Subir Sachdev

Dissertation research. Not a lecture or seminar course.

Course ID: 120868

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 339B

Condensed Matter and Atomic Physics

No meeting time listed

Subir Sachdev

Dissertation research. Not a lecture or seminar course.

Course ID: 120868

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 340A

Topics in Many-body Atomic and Condensed Matter Physics

No meeting time listed

Norman Yao

Course ID: 219983

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 340A

Topics in Many-body Atomic and Condensed Matter Physics

No meeting time listed

Norman Yao

Course ID: 219983

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 340B

Topics in Many-body Atomic and Condensed Matter Physics

No meeting time listed

Norman Yao

Dissertation research. Not a lecture or seminar course.

Course ID: 219984

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 340B

Topics in Many-body Atomic and Condensed Matter Physics

No meeting time listed

Norman Yao

Dissertation research. Not a lecture or seminar course.

Course ID: 219984

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 341A

Topics in Experimental Atomic and Condensed Matter Physics

No meeting time listed

Markus Greiner

Course ID: 111169

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 341A

Topics in Experimental Atomic and Condensed Matter Physics

No meeting time listed

Markus Greiner

Course ID: 111169

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 341B

Topics in Experimental Atomic and Condensed Matter Physics

No meeting time listed

Markus Greiner

Dissertation research. Not a lecture or seminar course.

Course ID: 118950

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 341B

Topics in Experimental Atomic and Condensed Matter Physics

No meeting time listed

Markus Greiner

Dissertation research. Not a lecture or seminar course.

Course ID: 118950

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 342A

Topics in High Energy Physics and Cosmology

No meeting time listed

Sonia Paban

Course ID: 223029

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 342A

Topics in High Energy Physics and Cosmology

No meeting time listed

Sonia Paban

Course ID: 223029

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 342B

Topics in High Energy Physics and Cosmology

No meeting time listed

Sonia Paban

Dissertation research. Not a lecture or seminar course.

Course ID: 223113

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 342B

Topics in High Energy Physics and Cosmology

No meeting time listed

Sonia Paban

Dissertation research. Not a lecture or seminar course.

Course ID: 223113

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 343A

Observational Cosmology and Experimental Gravitation

No meeting time listed

Christopher Stubbs

Course ID: 119051

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 343A
Observational Cosmology and Experimental Gravitation

No meeting time listed
Christopher Stubbs

Course ID: 119051
2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 343B
Observational Cosmology and Experimental Gravitation

No meeting time listed
Christopher Stubbs

Course ID: 119052
2025 Fall (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 343B
Observational Cosmology and Experimental Gravitation

No meeting time listed
Christopher Stubbs

Course ID: 119052
2026 Spring (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 345A
Experimental Gravitation: Radio and Radar Astronomy

No meeting time listed
Irwin Shapiro

Course ID: 115102
2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 345A
Experimental Gravitation: Radio and Radar Astronomy

No meeting time listed
Irwin Shapiro

Course ID: 115102
2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 345B
Experimental Gravitation: Radio and Radar Astronomy

No meeting time listed
Irwin Shapiro

Course ID: 115113
2025 Fall (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 345B
Experimental Gravitation: Radio and Radar Astronomy

No meeting time listed
Irwin Shapiro

Course ID: 115113
2026 Spring (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 347A

Topics in Quantum Optics

No meeting time listed

Mikhail Lukin

Course ID: 115495

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 347A

Topics in Quantum Optics

No meeting time listed

Mikhail Lukin

Course ID: 115495

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 347B

Topics in Quantum Optics

No meeting time listed

Mikhail Lukin

Course ID: 115525

2025 Fall (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 347B

Topics in Quantum Optics

No meeting time listed

Mikhail Lukin

Course ID: 115525

2026 Spring (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 348A

Physics of quantum information, computation, and spacetime

No meeting time listed

Jordan Cotler

Course ID: 224888

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 348A

Physics of quantum information, computation, and spacetime

No meeting time listed

Jordan Cotler

Course ID: 224888

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 348B

Physics of quantum information, computation, and spacetime

No meeting time listed

Jordan Cotler

Course ID: 224889

2025 Fall (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 348B

Physics of quantum information, computation, and spacetime

No meeting time listed

Jordan Cotler

Course ID: 224889

2026 Spring (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 349A	Course ID: 125315
Topics in Theoretical Particle Physics	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Matthew Schwartz</i>	

PHYSICS 349A	Course ID: 125315
Topics in Theoretical Particle Physics	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Matthew Schwartz</i>	

PHYSICS 349B	Course ID: 125316
Topics in Theoretical Particle Physics	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Matthew Schwartz</i>	

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 349B	Course ID: 125316
Topics in Theoretical Particle Physics	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Matthew Schwartz</i>	

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 350A	Course ID: 116409
Experimental Physics in Low Dimensional Materials	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Philip Kim</i>	

PHYSICS 350A	Course ID: 116409
Experimental Physics in Low Dimensional Materials	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Philip Kim</i>	

PHYSICS 350B	Course ID: 205462
Experimental Physics in Low Dimensional Materials	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Philip Kim</i>	

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 350B

Experimental Physics in Low Dimensional Materials

No meeting time listed

Philip Kim

Dissertation research. Not a lecture or seminar course.

Course ID: 205462

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 351A

Experimental Soft Condensed Matter and Materials Physics

No meeting time listed

Vinothan Manoharan

Course ID: 120872

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 351A

Experimental Soft Condensed Matter and Materials Physics

No meeting time listed

Vinothan Manoharan

Course ID: 120872

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 351B

Experimental Soft Condensed Matter and Materials Physics

No meeting time listed

Vinothan Manoharan

Dissertation research. Not a lecture or seminar course.

Course ID: 120873

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 351B

Experimental Soft Condensed Matter and Materials Physics

No meeting time listed

Vinothan Manoharan

Dissertation research. Not a lecture or seminar course.

Course ID: 120873

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 355A

Topics in Biological and Artificial Neural Networks

No meeting time listed

SueYeon Chung

Course ID: 226842

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 355A

Topics in Biological and Artificial Neural Networks

No meeting time listed

SueYeon Chung

Course ID: 226842

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 355B

Topics in Biological and Artificial Neural Networks

No meeting time listed

Course ID: 226843

2025 Fall (4 Credits)

Instructor Permission Required

SueYeon Chung

Dissertation research. Not a lecture or seminar course.

PHYSICS 355B

Topics in Biological and Artificial Neural Networks

No meeting time listed

SueYeon Chung

Dissertation research. Not a lecture or seminar course.

Course ID: 226843

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 357A

Experimental Condensed Matter Physics

No meeting time listed

Robert Westervelt

Course ID: 113916

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 357A

Experimental Condensed Matter Physics

No meeting time listed

Robert Westervelt

Course ID: 113916

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 357B

Experimental Condensed Matter Physics

No meeting time listed

Robert Westervelt

Dissertation research. Not a lecture or seminar course.

Course ID: 115410

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 357B

Experimental Condensed Matter Physics

No meeting time listed

Robert Westervelt

Dissertation research. Not a lecture or seminar course.

Course ID: 115410

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 363A

Topics in Condensed Matter Theory

No meeting time listed

Efthimios Kaxiras

Course ID: 112091

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 363A

Topics in Condensed Matter Theory

No meeting time listed

Efthimios Kaxiras

Course ID: 112091

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 363B

Topics in Condensed Matter Theory

No meeting time listed

Efthimios Kaxiras

Dissertation research. Not a lecture or seminar course.

Course ID: 112092
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 363B

Topics in Condensed Matter Theory

No meeting time listed

Efthimios Kaxiras

Dissertation research. Not a lecture or seminar course.

Course ID: 112092
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 365A

Topics in Mathematical Physics

No meeting time listed

Arthur Jaffe

Course ID: 115341
2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 365A

Topics in Mathematical Physics

No meeting time listed

Arthur Jaffe

Course ID: 115341
2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 365B

Topics in Mathematical Physics

No meeting time listed

Arthur Jaffe

Dissertation research. Not a lecture or seminar course.

Course ID: 110837
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 365B

Topics in Mathematical Physics

No meeting time listed

Arthur Jaffe

Dissertation research. Not a lecture or seminar course.

Course ID: 110837
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 373A

Historical and Philosophical Approaches to Modern and Contemporary Physics

No meeting time listed

Peter Galison

Course ID: 143237
2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 373A
**Historical and Philosophical Approaches to Modern and Contemporary
Physics**

Course ID: 143237
2026 Spring (4 Credits)

No meeting time listed
Peter Galison

Instructor Permission Required

PHYSICS 373B
**Historical and Philosophical Approaches to Modern and Contemporary
Physics**

Course ID: 143239
2025 Fall (4 Credits)

No meeting time listed
Peter Galison

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 373B
**Historical and Philosophical Approaches to Modern and Contemporary
Physics**

Course ID: 143239
2026 Spring (4 Credits)

No meeting time listed
Peter Galison

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 379A
Topics in Elementary Particle Research and String Theory

Course ID: 144344
2025 Fall (4 Credits)

No meeting time listed
Andrew Strominger

Instructor Permission Required

PHYSICS 379A
Topics in Elementary Particle Research and String Theory

Course ID: 144344
2026 Spring (4 Credits)

No meeting time listed
Andrew Strominger

Instructor Permission Required

PHYSICS 379B
Topics in Elementary Particle Research and String Theory

Course ID: 148230
2025 Fall (4 Credits)

No meeting time listed
Andrew Strominger

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 379B
Topics in Elementary Particle Research and String Theory

Course ID: 148230
2026 Spring (4 Credits)

No meeting time listed
Andrew Strominger

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 381A

Experimental Condensed Matter Physics

No meeting time listed

Jenny Hoffman

Course ID: 119765
2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 381A

Experimental Condensed Matter Physics

No meeting time listed

Jenny Hoffman

Course ID: 119765
2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 381B

Experimental Condensed Matter Physics

No meeting time listed

Jenny Hoffman

Course ID: 119766
2025 Fall (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 381B

Experimental Condensed Matter Physics

No meeting time listed

Jenny Hoffman

Course ID: 119766
2026 Spring (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 383A

Low Temperature Physics of Quantum Fluids and Solids; Ultra High Pressure Physics

No meeting time listed

Isaac Silvera

Course ID: 113458
2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 383A

Low Temperature Physics of Quantum Fluids and Solids; Ultra High Pressure Physics

No meeting time listed

Isaac Silvera

Course ID: 113458
2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 383B

Low Temperature Physics of Quantum Fluids and Solids; Ultra High Pressure Physics

No meeting time listed

Isaac Silvera

Course ID: 113887
2025 Fall (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 383B Low Temperature Physics of Quantum Fluids and Solids; Ultra High Pressure Physics <i>No meeting time listed</i> <i>Isaac Silvera</i> Dissertation research. Not a lecture or seminar course.	Course ID: 113887 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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FAS Divisional Distribution: None

PHYSICS 387A Applied Photonics <i>No meeting time listed</i> <i>Eric Mazur</i>	Course ID: 116745 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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PHYSICS 387A Applied Photonics <i>No meeting time listed</i> <i>Eric Mazur</i>	Course ID: 116745 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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PHYSICS 387B Applied Photonics <i>No meeting time listed</i> <i>Eric Mazur</i> Dissertation research. Not a lecture or seminar course.	Course ID: 116755 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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FAS Divisional Distribution: None

PHYSICS 387B Applied Photonics <i>No meeting time listed</i> <i>Eric Mazur</i> Dissertation research. Not a lecture or seminar course.	Course ID: 116755 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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FAS Divisional Distribution: None

PHYSICS 389A Topics in Field Theory: The Standard Model and Beyond <i>No meeting time listed</i> <i>Lisa Randall</i>	Course ID: 116428 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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PHYSICS 389A Topics in Field Theory: The Standard Model and Beyond <i>No meeting time listed</i> <i>Lisa Randall</i>	Course ID: 116428 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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PHYSICS 389B

Topics in Field Theory: The Standard Model and Beyond

No meeting time listed

Lisa Randall

Dissertation research. Not a lecture or seminar course.

Course ID: 116429

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 389B

Topics in Field Theory: The Standard Model and Beyond

No meeting time listed

Lisa Randall

Dissertation research. Not a lecture or seminar course.

Course ID: 116429

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 393A

Topics in Elementary Particle Theory

No meeting time listed

Howard Georgi

Course ID: 117710

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 393A

Topics in Elementary Particle Theory

No meeting time listed

Howard Georgi

Course ID: 117710

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 393B

Topics in Elementary Particle Theory

No meeting time listed

Howard Georgi

Dissertation research. Not a lecture or seminar course.

Course ID: 117913

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 393B

Topics in Elementary Particle Theory

No meeting time listed

Howard Georgi

Dissertation research. Not a lecture or seminar course.

Course ID: 117913

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PHYSICS 395A

Topics in Theoretical High Energy/String Theory

No meeting time listed

Matthew Reece

Course ID: 109287

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 395A

Topics in Theoretical High Energy/String Theory

No meeting time listed

Matthew Reece

Course ID: 109287

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 395B

Topics in Theoretical High Energy/String Theory

No meeting time listed

Matthew Reece

Course ID: 109288

2025 Fall (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 395B

Topics in Theoretical High Energy/String Theory

No meeting time listed

Matthew Reece

Course ID: 109288

2026 Spring (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 399A

Topics in Cosmology

No meeting time listed

Cora Dvorkin

Course ID: 160981

2025 Fall (4 Credits)

Instructor Permission Required

PHYSICS 399A

Topics in Cosmology

No meeting time listed

Cora Dvorkin

Course ID: 160981

2026 Spring (4 Credits)

Instructor Permission Required

PHYSICS 399B

Topics in Cosmology

No meeting time listed

Cora Dvorkin

Course ID: 160982

2025 Fall (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSICS 399B

Topics in Cosmology

No meeting time listed

Cora Dvorkin

Course ID: 160982

2026 Spring (4 Credits)

Instructor Permission Required

Dissertation research. Not a lecture or seminar course.

FAS Divisional Distribution: None

PHYSCI 2 (1001)

Mechanics, Elasticity, Fluids, and Diffusion

TR 0900 AM - 1015 AM

Gregory Kestin, Stephen Adams

An introduction to classical mechanics, with special emphasis on the motion of biological systems, from proteins to people. Topics covered include: kinematics, Newton's laws of motion, oscillations, elasticity, random walks, diffusion, and fluids. Examples and problem set questions will often be drawn from the life sciences and medicine.

Physical Sciences 1 (or Chemistry 7), Mathematics 1b, or the equivalent.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 122575
2025 Fall (4 Credits)

PHYSCI 3

Electromagnetism, Circuits, Waves, Optics, and Imaging

TR 0900 AM - 1015 AM

Louis Deslauriers

This course is an introduction to electromagnetism, waves, optics and sound. Topics covered include: electric and magnetic fields, electrical potential, circuits, simple digital circuits, wave propagation in various media, microscopy, sound and hearing. The course will draw upon a variety of applications to the biological sciences and will use real-world examples to illustrate many of the physical principles described. There are six required laboratory sessions, and a weekly asynchronous discussion section.

Course Note: This course is part of an integrated introduction to the physical sciences intended for students who plan to pursue a concentration in the life sciences and/or satisfy pre-medical requirements in Physics. May not ordinarily be taken for credit in addition to Physics 15b.

Physical Sciences 2, Mathematics 1b, or equivalent.

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 122576
2026 Spring (4 Credits)

PHYSCI 12A

Mechanics and Statistical Physics from an Analytic, Numerical and Experimental Perspective

MWF 0900 AM - 1015 AM

This is the first term of a two-semester introductory course in physics. The focus is on quantitative scientific reasoning, with the first term exploring Newtonian mechanics. Topics include kinematics, linear and rotational motion, forces, energy, momentum, collisions, gravitation, oscillations, and waves, with a brief introduction to statistical physics. Examples are drawn from across the physical sciences and engineering. Students will gain competence in both analytic (pencil and paper) and computational tools (programming in Python) used by scientists to model simple physical systems and analyze experimental data, including problem solving, basic programming, measurement of physical quantities, and chi squared model testing and curve fitting. The course is aimed at first year students who have an interest in pursuing a concentration in the sciences or engineering. The course includes lecture, laboratory, and discussion components.

Students should be comfortable performing basic derivatives and integrals of a single variable. This course presumes no prior experience with calculus-based physics or programming.

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 109274
2026 Spring (4 Credits)

PHYSCI 12B

Electromagnetism from an Analytic, Numerical and Experimental Perspective

Course ID: 109457
2025 Fall (4 Credits)

MWF 0900 AM - 1015 AM

Gregorio Ponti, Anna Wang-Holtzen

This is the second term of a two-semester course sequence of introductory physical science and engineering. The focus is on quantitative scientific reasoning, with the second term exploring classical electricity and magnetism. Topics include electrostatics and magnetostatics, analog circuits, electromagnetic fields, and optics. Examples are drawn from across the physical sciences and engineering. The course assumes familiarity with mechanics, experimental physics, and computational techniques covered in Physical Sciences 12a offered during Spring Term (see course description). Students will further develop competence in both analytic (using pencil, paper, and multi-variable calculus) and numerical methods (using the Python programming language) to model simple physical systems and to analyze experimental data. The course is aimed at second year students who have an interest in pursuing a concentration in the sciences or engineering. The course includes lecture, laboratory, and discussion components.

Course Note: May not be taken for credit by students who have passed Physics 15b or Physics 15c.

Requires: Pre-Req: PS12A OR APMTH 10 OR Co-Req: APMATH 10

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICI 70

Introduction to Digital Fabrication

TR 0300 PM - 0415 PM

Nathan Melenbrink

Course ID: 215717

2025 Fall (4 Credits)

Instructor Permission Required

An immersive introduction to rapid prototyping, fusing physics, design, computer science, engineering, and art. Students will learn to safely use software and hardware to fabricate programmable projects. Tools and topics will include programmable microcontrollers, 3D CAD/CAM, electronic circuit design, and wireless networking (Internet of Things). Additionally, students will learn operational principles for techniques such as laser cutting, 3D printing, and computer-controlled milling. The course will culminate with an individual final project of the student's own conception, integrating as many of the weekly topics as possible. The course emphasizes self-directed learning, and supports students in accessing resources to help advance the development of their unique projects. Applications may include personal fabrication, product prototyping, fine arts, and the creation of scientific research tools. Students will document work on each weekly topic in a personal website, thereby finishing the course with an online portfolio that not only illustrates their new skill sets, but also contributes to a collective repository of knowledge that serves as a foundation for continued learning. Course website: <https://tinyurl.com/tasr7b6> Related Sections: In addition to class times, students enroll in a lab section where they will interact with course staff for hands-on assignment work. The shop will also remain open to enrolled students at additional times throughout the week.

Course Note: Attendance is mandatory since safety training will occur during class times. Class will meet twice each week. The first meeting will consist of a brief review of the previous week's assignment, followed by a short introduction to the current week's topic and assignment. The second meeting will primarily focus on a hands-on training session for the accompanying assignment. Meetings may also include appearances by guest presenters or experts on a particular topic.

There are no formal prerequisites for this course. Students are expected to provide their own laptop computer (tablets and Chromebooks are not sufficient for some of the software required for this course, but workarounds may be available -- please contact course staff with concerns). This course is accessible to those with no prior experience. For students already familiar with some of the topics, it will be an opportunity to explore further.

FAS Divisional Distribution: Science & Engineering & Applied Science

PHYSICI 70

Introduction to Digital Fabrication

TR 0300 PM - 0415 PM

Nathan Melenbrink

Course ID: 215717

2026 Spring (4 Credits)

Instructor Permission Required

An immersive introduction to rapid prototyping, fusing physics, design, computer science, engineering, and art. Students will learn to safely use software and hardware to fabricate programmable projects. Tools and topics will include programmable microcontrollers, 3D CAD/CAM, electronic circuit design, and wireless networking (Internet of Things). Additionally, students will learn operational principles for techniques such as laser cutting, 3D printing, and computer-controlled milling. The course will culminate with an individual final project of the student's own conception, integrating as many of the weekly topics as possible. The course emphasizes self-directed learning, and supports students in accessing resources to help advance the development of their unique projects. Applications may include personal fabrication, product prototyping, fine arts, and the creation of scientific research tools. Students will document work on each weekly topic in a personal website, thereby finishing the course with an online portfolio that not only illustrates their new skill sets, but also contributes to a

collective repository of knowledge that serves as a foundation for continued learning.Course website: <https://tinyurl.com/tasr7b6>Related Sections: In addition to class times, students enroll in a lab section where they will interact with course staff for hands-on assignment work. The shop will also remain open to enrolled students at additional times throughout the week.

Course Note: Attendance is mandatory since safety training will occur during class times. Class will meet twice each week. The first meeting will consist of a brief review of the previous week's assignment, followed by a short introduction to the current week's topic and assignment. The second meeting will primarily focus on a hands-on training session for the accompanying assignment. Meetings may also include appearances by guest presenters or experts on a particular topic.

There are no formal prerequisites for this course. Students are expected to provide their own laptop computer (tablets and Chromebooks are not sufficient for some of the software required for this course, but workarounds may be available -- please contact course staff with concerns). This course is accessible to those with no prior experience. For students already familiar with some of the topics, it will be an opportunity to explore further.

FAS Divisional Distribution: Science & Engineering & Applied Science

Political Economy and Government

Political Economy & Government

PEGV 3000	Course ID: 208347
Doctoral Research	2025 Fall (2 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>

PEGV 3000	Course ID: 208347
Doctoral Research	2026 Spring (2 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>

Population Health Sciences

Population Health Sciences

PHS 301	Course ID: 208324
Teaching Fellowship - TF	2025 Fall (1 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>

PHS 301	Course ID: 208324
Teaching Fellowship - TF	2026 Spring (1 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>

PHS 302	Course ID: 208325
Research or Academic Study	2025 Fall (2 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>

PHS 302	Course ID: 208325
Research or Academic Study	2026 Spring (2 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>

PHS 2000A

Quantitative Research Methods in Population Health Sciences I

MTR 1130 AM - 0100 PM

Jarvis Chen

Course ID: 203329

2025 Fall (4 Credits)

Instructor Permission Required

This is part one of a two part core year-long quantitative methods course for the Population Health Science PhD students at the School of Public Health. The course integrates methods and concepts from the various disciplines represented by Population Health Sciences to equip students with the methodological tools to conduct their own research as well as collaborate across fields of study and areas of specialization. PHS2000A covers foundational statistical methods including linear and logistic regression, generalized linear models, survival analysis, longitudinal data analysis, and multilevel modeling. Discussion will be given to important concepts including sampling, measurement, model specification, interpretation, estimation, and diagnostics. Coursework will consist of two weekly lectures and a weekly lab session, problem sets, and exams. R is the main statistical computing software that will be used in the course.

Course Note: This course is reserved for first-year PhD students in Population Health Sciences. Population Health Sciences PhD students are required to register for both semesters of this course and to achieve a final average grade of B or higher.

Requires: Requisite: Course open to First Year GSAS (G1) Students Only

Full Year Course: Divisible Course

FAS Divisional Distribution: None

PHS 2000B

Quantitative Research Methods in Population Health Sciences II

MTR 1130 AM - 0100 PM

Jarvis Chen

Course ID: 203330

2026 Spring (4 Credits)

This is part two of a two part core year-long quantitative methods course for the Population Health Science PhD students at the School of Public Health. The course integrates methods and concepts from the various disciplines represented by Population Health Sciences to equip students with the methodological tools to conduct their own research as well as collaborate across fields of study and areas of specialization. Part two of the course focuses on scientific inference and causal reasoning in the population health sciences and will provide an overview of methods for sensitivity analysis, interaction, mediation, propensity scores, time-varying exposures, measurement and correction for measurement error, instrumental variables, regression discontinuity designs, difference-in-difference methods, time series, missing data, multiple testing, replication, and meta-analysis. Emphasis will be placed on understanding the basic definitions, assumptions, and methodology. Students will be referred to further readings and courses to gain more detailed understanding. Coursework will consist of two weekly lectures and a weekly lab session, problem sets, and exams. Various software resources will be used throughout the course, with R being the main statistical computing platform used. The course will prepare students to critically read through the empirical population health science literature, and to implement a number of different methods in their own research.

Course Note: This course is reserved for first-year PhD students in Population Health Sciences. Population Health Sciences PhD students are required to register for both semesters of this course and to achieve a final average grade of B or higher.

Requires: Requisite: Course open to First Year GSAS (G1) Students Only

FAS Divisional Distribution: None

Full Year Course: Divisible Course

Psychology

Psychology

PSY 1

Introduction to Psychological Science

MW 1030 AM - 1145 AM

Daniel Gilbert

Course ID: 123941

2025 Fall (4 Credits)

Psychology 1 is not just an introduction to the field of psychology but an owner's manual for the human mind — and an opportunity to explore some of the most fascinating issues in intellectual life. After laying a foundation in concepts about the brain, evolution, information, nature and nurture, and scientific approaches to psychology,

the course covers specific topics including perception, cognition, attention, learning, memory, emotion, decision making, consciousness, development, language, personality, individual differences, psychopathology, social cognition, cooperation and conflict, and love and sex.

Requires: Anti-Req: Cannot be taken for credit if SLS 20 already complete.

FAS Divisional Distribution: Social Sciences

PSY 1

Introduction to Psychological Science

TR 0130 PM - 0245 PM

Jason Mitchell

Course ID: 123941
2026 Spring (4 Credits)

Psychology 1 is not just an introduction to the field of psychology but an owner's manual for the human mind — and an opportunity to explore some of the most fascinating issues in intellectual life. After laying a foundation in concepts about the brain, evolution, information, nature and nurture, and scientific approaches to psychology, the course covers specific topics including perception, cognition, attention, learning, memory, emotion, decision making, consciousness, development, language, personality, individual differences, psychopathology, social cognition, cooperation and conflict, and love and sex.

Requires: Anti-Req: Cannot be taken for credit if SLS 20 already complete.

FAS Divisional Distribution: Social Sciences

PSY 11

Cognition: How the Mind Works

MW 1030 AM - 1145 AM

Elika Bergelson

Course ID: 224144
2026 Spring (4 Credits)

This course focuses on the impressive human cognitive capacity, asking what a mind is and how we can find out. We will cover great debates, methods, and foundational topics within Cognitive Science and Cognitive Psychology, spanning questions like how we think, decide, remember, talk, perceive, and make meaning. Students in this course will gain experience (a) reading and evaluating classic texts, cutting-edge empirical research, and popular science, and (b) learning analytic skills they can apply to understanding basic cognitive phenomena, and how they can be measured, described, or predicted at different levels of representation. This is a lecture course intended as a foundational course for Psychology concentrators but also intentionally accessible for the Cognitive Science-curious in related areas like linguistics, philosophy, computer science, neuroscience, education, and anthropology.

Course Note: This course counts toward foundational requirements for Psychology and should be taken before courses at the 1000 level or higher.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) before enrolling in this course; or permission of instructor.

Requires: Pre-requisite: SLS20 or PSY1 or Psychology AP=5 or Psychology IB=7 or Psyc S-1

FAS Divisional Distribution: Social Sciences

PSY 14

Cognitive Neuroscience

MW 1030 AM - 1145 AM

Daniel Schacter, Elizabeth Phelps

Course ID: 126551
2025 Fall (4 Credits)

How do our brains give rise to our minds? Specifically, how are mental processes related to neural activity? This course will explore these questions, as well as the methods by which cognitive neuroscience seeks to answer them. We will focus on processes within perception, attention, memory, language, action, emotion, and social cognition, and methods including neuroimaging, neuropsychology, and electrophysiology.

Course Note: This course counts toward foundational requirements for Psychology and should be taken before courses at the 1000 level or higher.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) or Neuro 80 before enrolling in this course; or permission of instructor.

Requires: SLS20 or PSY1 or Psychology AP score of 5 or Psychology IB score of 7 or Psyc S-1 or NEURO 80

PSY 15**Social Psychology**Course ID: 114178
2026 Spring (4 Credits)*No meeting time listed**Ashwini Ashok Kumar*

An introduction to social psychological research and theory regarding everyday behavior, incorporating methods from the life sciences (neuroscience, genetics, evolutionary biology). Topics include: attitudes and social influence; obedience to authority; stereotyping, prejudice, and intergroup relations; emotion; interpersonal attraction; morality and prosocial behavior; and errors of everyday human judgment

Course Note: This course counts toward foundational requirements for Psychology and should be taken before courses at the 1000 level or higher.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or 1B=7 or Psyc S-1) before enrolling in this course for all freshmen and sophomores and for all students completing a concentration or secondary field in psychology. Requires: SLS20 or PSY1 or Psychology AP=5 or Psychology IB=7 or Psyc S-1

FAS Divisional Distribution: Social Sciences

PSY 16**Developmental Psychology**Course ID: 110776
2025 Fall (4 Credits)

WF 1200 PM - 0115 PM

Ashley Thomas

Humans are children for longer than any other species on the planet. We are born especially helpless and dependent on others. We start unable to walk, talk, or even grasp objects. Yet, somehow we become people who invent things like airplanes or democracy. In this class, we will consider what happens to our minds throughout development. We will focus on infancy and childhood. We will answer questions such as: what is the experience of a baby? – do they experience their environment as "one great blooming, buzzing confusion.", as William James proposed? Or do they come to the world with knowledge that gives structure to their experience? How do children become experts in their language? How are the minds of children and infants similar to adults and how are they different? This is a communication and analytical thinking intensive course. You will learn about the different ways that scholars have approached these questions and get hands-on experience thinking through them yourself.

Course Note: This course counts toward foundational requirements for Psychology and should be taken before courses at the 1000 level or higher.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB=7 or Psyc S-1) before enrolling in this course; or permission of instructor. Not open to students who have taken SciLivSys 15.

Requires: SLS20 or PSY1 or Psychology AP=5 or Psychology IB=7 or Psyc S-1. Cannot be taken for credit if SCILIVSY 15 (SLS 15) already complete

FAS Divisional Distribution: Social Sciences

PSY 18 (18)**Psychopathology**Course ID: 123973
2026 Spring (4 Credits)

TR 1200 PM - 0115 PM

Rebecca Shingleton

Introduction to the study of psychological dysfunction. Focuses on abnormal behavior as it relates to the definition, etiology, and treatment of major symptom domains. This course will emphasize critical evaluation of the causes and mechanisms of mental illness, with special attention paid to how these disorders present clinically.

Course Note: Formerly named "Abnormal Psychology". This course counts toward foundational requirements for Psychology and should be taken before courses at the 1000 level or higher.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB=7 or Psyc S-1) before enrolling in this course; or permission of instructor.

Requires: SLS20 or PSY1 or Psychology AP=5 or Psychology IB=7 or Psyc S-1

<p>PSY 910R Supervised Research <i>No meeting time listed</i> <i>Jill Hooley, Katherine Powers</i></p>	<p>Course ID: 110768 2025 Fall (4 Credits) <i>Instructor Permission Required</i></p>
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<p>PSY 910R Supervised Research <i>No meeting time listed</i> <i>Jill Hooley, Katherine Powers</i></p>	<p>Course ID: 110768 2026 Spring (4 Credits) <i>Instructor Permission Required</i></p>
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<p>PSY 971 Contemporary Issues in Psychology: Intensive Cross-level Analyses <i>No meeting time listed</i> <i>Jill Hooley, Katherine Powers</i></p>	<p>Course ID: 113094 2025 Fall (4 Credits) <i>Instructor Permission Required</i></p>
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Examines selected issues and phenomena in contemporary psychological research. Special attention to examining topics from a variety of perspectives, to reading primary sources in the field, and to developing thinking, writing, research, and discussion skills. This tutorial, or Psych 975, is required of concentrators upon entering the concentration, normally in the sophomore year. Letter graded.

Course Note: Please visit the Canvas course website for important information about the specific deadlines and processes for enrolling in this course. Section placements will occur during the registration period. Students may take this course before formally declaring Psychology as their concentration. PSY 971 and PSY 975 are interchangeable for Psychology requirements.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

<p>PSY 971 Contemporary Issues in Psychology: Intensive Cross-level Analyses <i>No meeting time listed</i> <i>Jill Hooley, Katherine Powers</i></p>	<p>Course ID: 113094 2026 Spring (4 Credits) <i>Instructor Permission Required</i></p>
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Examines selected issues and phenomena in contemporary psychological research. Special attention to examining topics from a variety of perspectives, to reading primary sources in the field, and to developing thinking, writing, research, and discussion skills. This tutorial, or Psych 975, is required of concentrators upon entering the concentration, normally in the sophomore year. Letter graded.

Course Note: Please visit the Canvas course website for important information about the specific deadlines and processes for enrolling in this course. Section placements will occur during the registration period. Students may take this course before formally declaring Psychology as their concentration. PSY 971 and PSY 975 are interchangeable for Psychology requirements.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

<p>PSY 975 Contemporary Issues in Psychology: Intensive Cross-level Analyses for Cog Neuro and Evo Psych <i>No meeting time listed</i> <i>Jill Hooley, Katherine Powers</i></p>	<p>Course ID: 122315 2026 Spring (4 Credits) <i>Instructor Permission Required</i></p>
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Examines selected issues of relevance to social and cognitive neuroscience addressed in contemporary

psychological research, and is normally required for students in the Social and Cognitive Neuroscience track of Psychology. Special attention to examining topics from a variety of perspectives, to reading primary sources in the field, and to developing thinking, writing, research, and discussion skills. This tutorial, or Psychology 971, is required of concentrators upon entering the concentration, normally in the sophomore year. Letter-graded.

Course Note: Please visit the Canvas course website for important information about the specific deadlines and processes for enrolling in this course. Section placements will occur during the registration period. Students may take this course before formally declaring Psychology as their concentration. PSY 971 and PSY 975 are interchangeable for Psychology requirements.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

PSY 980AA

Adapting to Adversity

W 0345 PM - 0545 PM

Jill Hooley, Katherine Powers

Course ID: 226419

2026 Spring (4 Credits)

Instructor Permission Required

Approximately 70% of people will experience a traumatic event in their lifetime. Yet, while some individuals will recover naturally, others will experience lasting effects on how they think, feel, and behave. Together we will explore the many ways humans adapt to adversity and consider reconceptualizing disorders that arise from traumatic and stressful events (e.g., trauma- and stressor-related disorders, personality disorders, anxiety, depression, substance use, and more). The course will also provide an expansive view of how people adapt to adversity, including natural recovery and post-traumatic growth. We will take a deep dive into understanding diagnostic criteria of trauma-related disorders (and the application of criteria across cultural groups) and explore why some people are more vulnerable to developing traumatic stress. We will also consider factors impacting recovery, evidence-based treatments for trauma-related disorders, and related controversies in the field.

The instructor of this course is Annie Joseph, annielorijoseph@fas.harvard.edu.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and PSY 18 or PSY 1861 before enrolling in this course; or permission of instructor.

PSY 980AD

Psychopathology and the Family

R 1200 PM - 0200 PM

Jill Hooley, Katherine Powers

Course ID: 212743

2025 Fall (4 Credits)

Instructor Permission Required

In this course, we will explore how the family impacts psychopathology, including relapse, recovery, and resilience, for a member with a mental disorder. We will examine the relationship between the family and mental health conditions like anxiety, autism, depression, personality disorders, and schizophrenia from a life course and a family systems perspective. We will also examine these relationships by discussing the biopsychosocial features of the family that impact child and adolescent psychopathology. The course will focus on contemporary approaches to family life (e.g., dual-earner families, gender equality, LGBTQ+ families, etc.), and the role these approaches play in family functioning.

The instructor of this course is John Knutsen, john_knutsen@g.harvard.edu.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and one of PSY 18 or PSY 1861 before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

PSY 980CL

Psychology and Criminal Law

T 0300 PM - 0500 PM

Jill Hooley, Katherine Powers

Course ID: 220475

2026 Spring (4 Credits)

Instructor Permission Required

Why do eyewitnesses often identify the wrong suspect? Why would an innocent person confess to a crime they did not commit? Can we predict who will commit a violent crime in the future? This course examines how behavioral science can be used to answer these and other questions central to the legal system. Psychologists

with expertise at the intersection of psychology and criminal law conduct empirical research, interpret study findings and provide explanations to judges and juries, evaluate the mental states of criminal defendants and victims, consult with attorneys and law enforcement agencies, and serve in a variety of roles to help improve the fairness of our criminal justice system. Drawing on key areas of research from clinical and social psychology, we will delve into theories of criminal behavior, forensic evaluation, the role of bias in the courtroom, false confessions, eyewitness testimony, and deception. Research will be applied to real-world cases.

The instructor is Lindsey Davis, lindsey_davis@williamjames.edu.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

PSY 980JL

Clinical Psychology in Everyday Life

M 0945 AM - 1145 AM

Jill Hooley, Katherine Powers

Course ID: 207581
2026 Spring (4 Credits)

Instructor Permission Required

The goal of this course is to give you exposure to the types of evidence-based psychological interventions available for many clinical and non-clinical conditions, such as sadness, anxiety, substance use, and arguments with your significant other. Through this seminar, you will learn to notice and apply principles of psychological intervention to the world around you, not only in theory but also in practice. The seminar is not a self-help program or a training program for providing therapeutic services to others. Instead, the weekly discussions, exercises, and assignments will help you view the world through the lens of a scientist-practitioner – and apply those insights to everyday life in a scientific manner.

Course Note: This is the same course as PSY 1852 Clinical Psychology in Everyday Life, which has been offered previously. Students who have taken 1852 cannot enroll in this course.

The instructor is Lauren Santucci, lsantucci@fas.harvard.edu.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and one of PSY 18 or PSY 1861 before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

PSY 980PS

Psychosis

F 1200 PM - 0200 PM

Jill Hooley, Katherine Powers

Course ID: 224349
2026 Spring (4 Credits)

Instructor Permission Required

Psychosis is among the most mysterious states of the human mind. When someone experiences psychosis they can struggle to tell the difference between what is real and what is not. Psychosis, which can result from mental illness, exposure to trauma, stress, illness, substance use and even surgery, impairs overall functioning and may leave a person confused and distressed. In this course, we will gain a comprehensive understanding of this dynamic area of clinical science research by focusing on the following topics: 1) the psychological and neurological characteristics of psychosis; 2) the biological and environmental contributions to psychosis as well as its developmental trajectory; 3) the epidemiology, diagnosis, and treatment of psychosis; 4) the impact of psychosis, including discussion of stigma, quality of life, policy, and advocacy; and 5) the continuing debate as to how the range or spectrum of psychotic disorders should be regarded.

The instructor of this course is John Knutsen, john_knutsen@g.harvard.edu.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and either PSY 18 or PSY 1861 before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

PSY 980T

Eating Disorders

W 0945 AM - 1145 AM

Rebecca Shingleton

Course ID: 119717
2025 Fall (4 Credits)

Instructor Permission Required

The goal of this course is to provide a comprehensive overview of DSM-5 feeding and eating disorders (EDs)

with a primary focus on anorexia nervosa, bulimia nervosa, and binge eating disorder. We will explore the etiology (i.e., biological and environmental factors), symptom presentation, and empirically supported treatments across these EDs. Additional topics will include cultural considerations, gender and EDs, medical complications, impact of media/social media, and novel directions and treatments for these disorders.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and one of PSY 18, PSY 1861 or Psyc S-1240 before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

PSY 985

Course ID: 111429

Junior Tutorial: Honors Thesis Preparation

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Garth Coombs

Supervised reading and research with a faculty supervisor normally resulting in a thesis prospectus. Required, supplemental group meetings to discuss topic and supervisor selection, study methodology, prospectus writing, and the prospectus meeting. Graded SAT/UNS. Full prospectus or term paper required.

Course Note: Normally limited to junior psychology concentrators. An application is required for admission; due to the Psychology Undergraduate Office the day before the Course Registration deadline and available at <http://undergrad.psychology.fas.harvard.edu/forms>.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1), PSY 971 or 975, PSY 1900 or equivalent, and PSY 1901.

FAS Divisional Distribution: Social Sciences

PSY 985

Course ID: 111429

Junior Tutorial: Honors Thesis Preparation

2026 Spring (4 Credits)

R 0130 PM - 0245 PM

Instructor Permission Required

Garth Coombs

Supervised reading and research with a faculty supervisor normally resulting in a thesis prospectus. Required, supplemental group meetings to discuss topic and supervisor selection, study methodology, prospectus writing, and the prospectus meeting. Graded SAT/UNS. Full prospectus or term paper required.

Course Note: Normally limited to junior psychology concentrators. An application is required for admission; due to the Psychology Undergraduate Office the day before the Course Registration deadline and available at <http://undergrad.psychology.fas.harvard.edu/forms>.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1), PSY 971 or 975, PSY 1900 or equivalent, and PSY 1901.

FAS Divisional Distribution: Social Sciences

PSY 991A

Course ID: 213577

Senior Tutorial: Honors Thesis in Psychology

2025 Fall (4 Credits)

T 0130 PM - 0245 PM

Instructor Permission Required

Garth Coombs

Individual supervised thesis research supplemented with occasional group meetings to discuss major aspects of the thesis process (e.g., organizing, conducting, and presenting research). Part one of a two part series. For partial-year credit, prospectus meeting required, as well as a paper for students who divide the course at mid-year. For full-year credit, submission of thesis required. Graded SAT/UNSAT.

Course Note: Required of and limited to senior psychology thesis writers.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1), PSY 971 or 975, PSY 1900 or equivalent, PSY 1901, a lab course, and an approved thesis application.

FAS Divisional Distribution: Social Sciences

PSY 991A

Senior Tutorial: Honors Thesis in Psychology

No meeting time listed

Garth Coombs

Course ID: 213577
2026 Spring (4 Credits)

Instructor Permission Required

Individual supervised thesis research supplemented with occasional group meetings to discuss major aspects of the thesis process (e.g., organizing, conducting, and presenting research). Part one of a two part series. For partial-year credit, prospectus meeting required, as well as a paper for students who divide the course at mid-year. For full-year credit, submission of thesis required. Graded SAT/UNSAT.

Course Note: Required of and limited to senior psychology thesis writers.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1), PSY 971 or 975, PSY 1900 or equivalent, PSY 1901, a lab course, and an approved thesis application.

FAS Divisional Distribution: Social Sciences

PSY 991B

Senior Tutorial: Honors Thesis in Psychology

No meeting time listed

Garth Coombs

Course ID: 213578
2025 Fall (4 Credits)

Instructor Permission Required

Individual supervised thesis research supplemented with occasional group meetings to discuss major aspects of the thesis process (e.g., organizing, conducting, and presenting research). Part two of a two part series. For partial-year credit, prospectus meeting required, as well as a paper for students who divide the course at mid-year. For full-year credit, submission of thesis required. Graded Sat/Unsat.

Course Note: Required of and limited to senior psychology thesis-writers.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1), PSY 971 or 975, PSY 1900 or equivalent, PSY 1901, a lab course, and an approved thesis application.

FAS Divisional Distribution: Social Sciences

PSY 991B

Senior Tutorial: Honors Thesis in Psychology

T 0130 PM - 0245 PM

Garth Coombs

Course ID: 213578
2026 Spring (4 Credits)

Instructor Permission Required

Individual supervised thesis research supplemented with occasional group meetings to discuss major aspects of the thesis process (e.g., organizing, conducting, and presenting research). Part two of a two part series. For partial-year credit, prospectus meeting required, as well as a paper for students who divide the course at mid-year. For full-year credit, submission of thesis required. Graded Sat/Unsat.

Course Note: Required of and limited to senior psychology thesis-writers.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1), PSY 971 or 975, PSY 1900 or equivalent, PSY 1901, a lab course, and an approved thesis application.

FAS Divisional Distribution: Social Sciences

PSY 1005

Health: A Positive Psychology Perspective

TR 1030 AM - 1145 AM

Ellen Langer

Course ID: 126556
2025 Fall (4 Credits)

Why does it seem that some people are so resilient and content? This course looks at psychological and physical health from the perspective of Positive Psychology. The major focus will be on mindfulness theory and its relationship to stress/coping; illness/wellness; decision-making; and placebos. The medical model, the biosocial model, and a unified mind-body model will be compared to examine their role in becoming mindful and thus healthier, happier and less stressed.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

Requires: SLS20 or PSY1 or Psychology AP=5 or Psychology IB=7 or Psyc S-1 AND PSY11 or PSY14 or PSY15 or PSY16 or PSY18

FAS Divisional Distribution: Social Sciences

PSY 1009

Psychology of Women

TR 0945 AM - 1145 AM

Nicole Noll

Course ID: 110216

2026 Spring (4 Credits)

Instructor Permission Required

How does being a woman affect our behavior, our evaluations of ourselves, and our interactions with others? This course examines psychological science on women and girls in western industrialized societies, addressing such topics as gender stereotypes, girlhood, women and work, relationships, pregnancy and motherhood, mental health, violence against women, and women in later adulthood. We will consider these topics through an understanding of gender as a social construction, being mindful of the intersections of gender, sexuality, class, and race. Although focused on women's lives and experiences, this course is highly relevant to people of all genders.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

PSY 1018

The Science and Psychology of Music

TR 0130 PM - 0245 PM

Mayron Pereira Piccolo Ribeiro

Course ID: 218517

2025 Fall (4 Credits)

Instructor Permission Required

Music is an important ally when we feel like celebrating and when we are feeling down. It can distract us, make us forget or remember things more easily. Why do songs like "The Scientist" give us a sad vibe while songs like "I Got a Feeling" set the stage for a fun night ahead? Is music training like CrossFit for the brain? How can music engagement (i.e., passive listening or active making of music) support well-being? In this course, we will explore how music modulates our thoughts, feelings, and behaviors through the lens of psychological science. We will look at how the brain experiences music and the impact of music and musical training on brain plasticity throughout different stages of development. Finally, using empirical research and case studies, we will discuss how music is applied to daily life and how it has benefited premature babies, individuals with mental disorders (such as depression), as well as conditions such as Alzheimer's disease and Parkinson's disease.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

PSY 1022

Fact or Fiction? Mythbusting Pseudoscience in Psychology

R 0300 PM - 0500 PM

Shifali Singh

Course ID: 220205

2026 Spring (4 Credits)

Do opposites really attract? How does misinformation spread? Do repeated concussions cause early cognitive decline? What did Freud get right? We will investigate these questions and more in this course, which will delve into the science and pseudoscience of psychology from clinical psychology, behavioral science, and neuroscience perspectives. Be prepared to become skilled investigators and critical thinkers as we uncover psychological truths and myths.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

Requires: SLS20 or PSY1 or Psychology AP=5 or Psychology IB=7 or Psyc S-1 AND PSY11 or PSY14 or PSY15 or PSY16 or PSY18

FAS Divisional Distribution: Social Sciences

PSY 1023

The Mind-Body Connection: Exploring the Intersection between Psychology and Physical Health

T 0345 PM - 0545 PM

Mark Blanchard

Course ID: 224429
2026 Spring (4 Credits)

Instructor Permission Required

What is the connection between physical and mental health? How does this relationship affect our potential for disease development and overall wellness? How does it affect our ability to learn, work, exercise, socialize, and experience personal growth? Drawing on research from historical, philosophical, psychological, and medical perspectives, this course explores the intricate relationship between the mind and body by investigating how psychological well-being and physical health impact one another. Students will engage in discussions on lifestyle and personality factors, stress management, mindfulness, chronic pain, somatic disorders, biofeedback, health disparities, and the influence of emotions on overall health. As we explore these concepts, be prepared to gain an enhanced understanding and appreciation of the mind-body network as well as practical tools to enhance your well-being and resilience in the face of life's challenges. This course is designed for students interested in psychology, health science, disease prevention and management, and holistic wellness.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

PSY 1024

Political Psychology

TR 1200 PM - 0115 PM

Hanh Annie Vu

Course ID: 224463
2025 Fall (4 Credits)

Instructor Permission Required

What drives political attitudes and behaviors? Are political attitudes and behaviors rational or emotional? Are all political attitudes and behaviors influenced by identity? Does personality play a role in political attitudes and behaviors? Are there psychological differences between liberals and conservatives? These are some of the questions that political psychology researchers investigate which will be covered in this course. We will take a comprehensive look at the field of political psychology by learning its history, research methodologies, major theoretical frameworks, and most up-to-date findings on individual and contextual factors that shape political ideologies, attitudes, and behaviors. We will use this knowledge to critically analyze past and current local, national, and global political issues that are impacting our daily lives.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

PSY 1026

Psychology of Communication

TR 1030 AM - 1145 AM

Tatyana Levari

Course ID: 220247
2026 Spring (4 Credits)

Instructor Permission Required

Communication is essential to our everyday lives, yet we often don't consider the complexity involved in understanding and being understood by others. In this course we will explore how language allows us to exchange ideas and the dynamics of human conversation. Topics covered in the course will include the psychology of verbal and non-verbal communication, how children learn to be conversational partners, leadership and influence, and research on communication disorders.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

PSY 1031

Psychology in the Classroom

R 0945 AM - 1145 AM

Tatyana Levari

Course ID: 220248

2025 Fall (4 Credits)

Instructor Permission Required

Across our years of schooling we experience different teaching styles, develop preferences for classroom activities and exam formats, and try out various studying strategies. But what has psychological science shown to be most effective in the classroom? In this course we will survey research from educational and cognitive psychology to discuss effective strategies for both teaching and learning. Topics will include age-appropriate teaching strategies, innovations such as flipped classrooms, and implications for educational policy issues, including socio-economic education gaps, remote learning, and standardized testing.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

PSY 1060

The Science of Happiness

TR 0130 PM - 0245 PM

Jason Mitchell

Course ID: 220086

2025 Fall (4 Credits)

Recent research in the cognitive sciences—especially psychology, economics, and neuroscience—has begun to examine the factors that promote personal well-being and happiness. One surprising, but consistent, observation has been that many of the things that are widely believed to be crucial for our happiness—wealth, material possessions, "not missing out", even good grades—not only fail to make many people happy but can actively undermine the sense of well-being. The course begins by introducing some misconceptions that many people might have about what makes for a satisfying life. We will then examine the psychological biases and other mental quirks of our mind that make it hard for us to identify what actually makes us happy, and we will then discuss what recent research reveals about factors that promote happiness. Importantly, throughout the course, students will be invited to apply these strategies in everyday life. In other words, we will both discuss what new results in cognitive science suggest to anyone interested in better understanding the factors that promote happiness, and also actively put these scientific findings into practice. Along the way, we will review historical and cross-cultural views on the meaning of "happiness", discuss the limitations of scientific approaches to the topic, and identify aspects of modern life (especially modern life at Harvard) that make it difficult to develop habits that support happiness. Finally, we will also discuss how to apply the new science of happiness beyond our own lives to improve our communities and our planet too.

Requires: Cannot take for credit if GENED 1154 already completed.

FAS Divisional Distribution: Social Sciences

PSY 1201

Your Brain on Drugs: Psychopharmacology

T 1200 PM - 0245 PM

Scott Lukas

Course ID: 122224

2025 Fall (4 Credits)

An introduction to how psychoactive drugs affect mood, sensation, consciousness, and other psychological and behavioral functions in both healthy people as well as individuals suffering from drug abuse or psychiatric disorders. Introduces concepts in the neuropharmacology and pharmacokinetics of drugs and blends psychology, neuroscience and pharmacology together to understand how drugs work and are used to treat disease states. The course covers the mechanism of action and treatment options of many CNS drugs including those used to treat depression, bipolar disorder, psychosis, ADHD, autistic spectrum disorder, anxiety as well as drugs of abuse such as alcohol, nicotine/tobacco, cannabis, opiates, inhalants, amphetamine/cocaine, hallucinogens, and steroids. Special topics on vaping, drug interactions, sleep disorders, over the counter drugs,

and selecting generic medications are covered. During the last two lectures students will participate in debates on controversial topics such as novel treatments for psychiatric disorders, ethical use of placebos, diagnosing ADHD, cannabis legalization, and needle exchange programs. Enrollment Instructions: Only Juniors and Seniors who have passed the pre-requisite courses will be permitted to enroll. If you do not have all of the pre-requisites, but have other experiences (such as AP courses in High School, hands on work or intern experience, other related coursework, etc.) you may petition to enroll via My.Harvard. Also, students who are non science concentrators (e.g., economics, math, computer science, government) may petition to enroll Pass/Fail. All petitions, regardless of your concentration, must be completed by following the detailed instructions provided in the uploaded FAQ document in the Files folder on this site. Incomplete or blank petitions will be denied.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 18, MCB/NEURO 80, MCB 81 or Psyc S-1240 before enrolling in this course; or permission of instructor.

Requires: SLS20 or PSY1 or Psychology AP=5 or Psychology IB=7 or Psyc S-1 AND PSY14 or PSY18 or MCB80 or NEURO80 or MCB81 or Psyc S-1240

FAS Divisional Distribution: Science & Engineering & Applied Science

PSY 1322

Decisions Big and Small: The Cognitive Science of Making Up Your Mind

Course ID: 212749
2026 Spring (4 Credits)

TR 1030 AM - 1145 AM

Tomer Ullman

Life is full of decisions, but not all decisions are made equal. Choices can be big and consequential (should I focus on my success, family, or passion), or small and everyday (going out, or staying in). This course will introduce you to the cognitive science of judging and choosing. You will learn about 1) Rational planning, the kind a perfect intelligence might carry out 2) Common simplifications and shortcuts that non-perfect humans use, and how these may actually be appealing approximations for any decision-making system 3) Regret over choices taken and not taken 4) Making decisions with others 5) Transformative decisions, the ones that change who you are as a person. As we cover these topics, we will consider how to apply the insights from the psychology of decision making to your own ordinary and extraordinary choices.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

Requires: SLS20 or PSY1 or Psychology AP=5 or Psychology IB=7 or Psyc S-1 AND PSY11 or PSY14 or PSY15 or PSY16 or PSY18

FAS Divisional Distribution: Social Sciences

PSY 1325

The Emotional, Social Brain

Course ID: 216792
2026 Spring (4 Credits)

M 0945 AM - 1145 AM

Instructor Permission Required

Elizabeth Phelps

Emotions color our lives, and even everyday variation in emotional experience can influence how we think, perceive and decide. Many of our emotions stem from our experiences with others. In this seminar we will examine the science behind the influence of emotion and social interaction on human brain function and behavior. We will examine questions such as: How does the brain process threats, and how do we learn about potential threats from others? How, and why, do our memories for emotional events differ from memories for mundane events? How does the brain process rewards, and respond to social rewards such as trust? What can we learn about implicit social biases from understanding their representation in the brain? What can we learn about the brain systems of human emotion and social interactions from studying other animals? Building on this foundational knowledge, we will explore how advances in human brain science might inform larger societal issues, including legal decisions, clinical interventions for the treatment of anxiety, and racial bias.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

Maximizing your Memory

2025 Fall (4 Credits)

MW 0130 PM - 0245 PM

Instructor Permission Required

Can mint gum help you ace an exam? Is it better to pull an all-nighter to study or go to sleep? Could creating a daily drawing journal improve your memory for special moments? The ability to remember, and consequences of forgetting, deeply impact how we experience and interact with the world around us. In this course, we will draw from literature in educational psychology, applied cognitive psychology, and neuroscience to examine how to optimize the encoding, storage, and retrieval of memory. Throughout the semester, there will be a focus on investigating specific empirically-backed strategies to boost memory, and you will have the opportunity to apply these strategies to your own life and reflect on their effectiveness.

For questions about course format and content, please reach out to the instructor, Anna McCarter (acmccarter@umass.edu). For questions about course registration (enrollment, lotteries, petitions, etc.), please reach out to the Psychology Undergraduate Office (psyenrollment@fas.harvard.edu).

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

The Truth Behind Amnesia

2026 Spring (4 Credits)

W 0300 PM - 0500 PM

Instructor Permission Required

In popular books and movies, amnesia is often depicted in dramatic, yet unrealistic ways — whether it's the daily memory loss in "50 First Dates" or the quick recovery of highly specialized skills in "The Bourne Identity" — but these fictional representations often fall short of capturing the true complexity of this condition and how memory works in real life. In this course, we will read neuroscience and cognitive psychology research articles as well as patient reports to explore the real causes, brain damage, and symptoms associated with different types of amnesia. We will discuss what types of memory are intact and impaired in different cases and what these profiles reveal about the underlying neural functioning and the patient's abilities. We will then use this foundational knowledge to critique portrayals of amnesia in books, movies, and television shows and consider how the misconceptions these stories perpetuate can have negative repercussions for science. For the final project, you will write a script or short story that both accurately and compellingly portrays amnesia.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

Imagination, Pretense, and Make-Believe Worlds

2025 Fall (4 Credits)

T 0945 AM - 1145 AM

Instructor Permission Required

Tomer Ullman

People spend much of their time in make-believe worlds: children pretend, adults daydream, and both immerse themselves in movies and novels. The imagination plays a large role in our mental lives, different from perception and memory. This seminar will examine imagination, simulation, and pretense from the perspective of modern psychology and cognitive science. We will consider imagination from its infancy in children's play, through its use and abuse in adulthood, up to recent attempts to give machines the ability to imagine and dream.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

What has the study of a three pound mass of cells taught us about the complexity of the human mind? In this seminar, we will discuss the past and present of brain measurement, how the brain's structure and function create healthy and diseased states, and how long-term changes (like aging) and short-term changes (like sleep) impact the brain and therefore our behavior. We will discuss cutting edge research and open puzzles in the study of the mind-body connection, as well as ethical dilemmas that arise from our study of the brain.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) before enrolling in this course; or permission of instructor.

Cognitive control, also known as executive function, is our ability to behave flexibly and not simply respond automatically to stimuli in our environment. It explains why you're able to avoid answering your phone while driving or concentrate on finishing your homework in a crowded cafe, but also why you might catch yourself walking to last semester's classes when the term changes, or find yourself opening social media apps on your phone without even realizing it. In this course we will dive into important topics in the study of control, discussing multitasking and task-switching; how we stop automatic actions and habits; how attention works; the ways that cognitive control changes over the lifespan, and how it is impacted by illness; whether brain training games make you smarter; how control interacts with short- and long-term memory; what role these processes play in COVID-19 brain fog; and much more.

For questions about course format and content, please reach out to the instructor, Haley Keglovits (haley_keglovits@brown.edu). For questions about course registration (enrollment, lotteries, petitions, etc.), please reach out to the Psychology Undergraduate Office (psyenrollment@fas.harvard.edu).

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

Samuel Gershman

"What I cannot create, I do not understand." This course applies Richard Feynman's dictum to the brain, by teaching students how to simulate brain function with computer programs. Special emphasis will be placed on how neurobiological mechanisms give rise to cognitive processes like learning, memory, attention, decision-making, and object perception. Students will learn how to understand experimental data through the lens of computational models, and ultimately how to build their own models.

Course Note: Anti-Requisite: Cannot be taken for credit if Neuro 1401 already complete.

Students be comfortable with a numerical programming language (e.g., Python, Matlab, R). Psychology concentrators should have taken Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18, MCB/NEURO 80 or MCB 81 before enrolling in this course; or permission of instructor.

Requires: Pre-requisite: SLS20 or PSY1 or Psychology AP=5 or Psychology IB=7 or Psyc S-1 AND PSY14 or PSY15 or PSY16 or PSY18 or MCB80 or NEURO80 or MCB81

Anti-requisite: Cannot be taken for credit if NEURO 1401 already completed

FAS Divisional Distribution: Science & Engineering & Applied Science

Represent the Visual World

F 0900 AM - 1145 AM

George Alvarez, Talia Konkle

Someday, perhaps very soon, artificial intelligence will enable machines to perceive the world around us better than humans do. Whether AI systems will do so by emulating human perception, or by becoming supra-human and circumventing biological constraints entirely, is yet unknown. In this course, we will survey research on human and machine perception, with an emphasis on vision: How do humans and machines represent the visual world? What does human vision do that artificial neural networks don't (yet)? How can we understand human perception better by focusing on artificial neural networks, and vice versa? By focusing on this intersection between biological and artificial visual systems, we will learn what makes humans fundamentally unique and special, while simultaneously learning about cutting edge discoveries in both fields.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

Requires: SLS20 or PSY1 or Psychology AP=5 or Psychology IB=7 or Psyc S-1 AND PSY11 or PSY14 or PSY15 or PSY16 or PSY18

FAS Divisional Distribution: Science & Engineering & Applied Science

The Psychology of Large Language Models

W 0945 AM - 1145 AM

Instructor Permission Required

How was ChatGPT inspired by your brain? As the use of large language models (LLMs) grows in popularity and applicability to academics, and as we grapple with how and when to incorporate them into the research process, having a foundational understanding of LLMs is critical to ensuring we are careful interpreters of these new, powerful tools. In this course, we will study the development of LLMs and how they were inspired by findings in psychology, linguistics, and cognitive neuroscience. After delving into LLM architecture and functioning, we will debate practical and ethical questions about using LLMs in psychological research for coding, writing, summarizing papers, as well as the broader societal applications (e.g., whether using LLMs to teach content in primary schools will lead to a larger or smaller educational disparities). This course is not designed to teach you to code an LLM, but rather to help you understand the networks at a mechanistic level. We will use some code to illustrate theoretical concepts, but prior coding experience is not required.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

Neuroscience Fiction: An Introduction to Cutting Edge Neuroscience through the Lens of Film and Tele

M 0300 PM - 0545 PM

Instructor Permission Required

George Alvarez

Film and television shows often capture the cutting edge of science, and they sometimes even anticipate future scientific advances. We'll use examples from film and television as an introduction to several hot topics in the field of neuroscience, such as Mind Control, Mind Reading, Smart Pills, and Brain Machine Interfaces, which are all getting closer to reality. Will neuroscientists ever be able to control a person's thoughts, or to know what a person is thinking? Can taking a pill really awaken untapped brain power? Will you ever be able to drive a car without touching a steering wheel? In this course, we will cover the state of the art and the future of these exciting areas of neuroscience (and entertainment). Because these are not textbook topics, this is an advanced course that will focus on reading and discussing the primary literature.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 14 or MCB/NEURO 80 before enrolling in this course; or permission of instructor.

PSY 1534

Personal and Societal Wellbeing

T 1200 PM - 0200 PM

Hanh Annie Vu

Course ID: 224464
2026 Spring (4 Credits)*Instructor Permission Required*

How do individual pursuits of happiness, self-esteem, positive emotions, and meaning in life shape attitudes toward social issues? What personal well-being strategies benefit the greater good of society, and which may hinder societal progress? Is ignorance bliss? In this course, we will delve into psychological research at the intersection of positive psychology and social justice to explore these questions across prominent socio-political issues including climate activism, gender equality, and racial justice. First, we will discuss major theoretical frameworks and perspectives in social and political psychology that have implications for individual wellbeing. Then, we will take a comprehensive look at key components of wellbeing, wellbeing strategies, and their complex relations with a variety of socio-political attitudes. Throughout the course, we will critically analyze the ways in which we can meaningfully pursue both our own happiness and the greater good of society.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

PSY 1536

Safeguarding the Self: Groups, Identity, and Psychology of Self-Defense

W 1200 PM - 0200 PM

Hanh Annie Vu

Course ID: 224465
2025 Fall (4 Credits)*Instructor Permission Required*

How we perceive ourselves and how we are perceived by others can powerfully shape how we think, feel, and act. In this course, we will explore the complex topic of identity and how people cope with threats, such as criticism, rejection, social comparison, loss, and failure, that challenge their sense of self. We will examine how personal and social identities develop and the specific strategies people use to defend and bolster their sense of self from potential threats. Special focus will be given to examining how these strategies for safeguarding the self unfold across individual, interpersonal, and social group contexts; analyzing the pros and cons of these processes; and learning evidence-based strategies that we can use to adaptively respond when our identities are challenged or criticized by others.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

PSY 1542

Regional Psychology: An Atlas of our Social World

M 1200 PM - 0200 PM

Course ID: 226305
2025 Fall (4 Credits)*Instructor Permission Required*

Common stereotypes suggest that Southerners are particularly hospitable, Minnesotans are extra nice, New Yorkers are unusually impatient, and Portlanders are artsy hipsters. But is there any evidence to support these stereotypes? In this course, we will dive into the emerging field of regional psychology and explore our social environment by taking the novel approach of focusing on geographic places as the primary unit of analysis rather than individuals. We will cover topics such as the mechanisms that drive regional differences across a range of psychological constructs, as well as how these regional differences relate to important societal outcomes and disparities. Through readings, discussions, and a hands-on mapmaking project, this course will prepare you to think critically about the relationship between people's psychological characteristics and the features of the places in which they live.

For questions about course format and content, please reach out to the instructor, Liz Wilson (liz.wilson@ucr.edu). For questions about course registration (enrollment, lotteries, petitions, etc.), please reach out to the Psychology Undergraduate Office (psyenrollment@fas.harvard.edu).

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

PSY 1548

Breaking Barriers: The Psychology of Prejudice and Its Consequences

W 1245 PM - 0245 PM

Course ID: 226312
2026 Spring (4 Credits)

Instructor Permission Required

This course examines the social psychological underpinnings of stereotyping, prejudice, and discrimination. We will examine these topics from several perspectives, including sociocultural, motivational, and cognitive approaches. We will cover topics such as the origins of stereotyping, prejudice, and discrimination; the ways in which they are maintained and perpetuated; the ways in which they may be changed; the extent to which their expression is intended and controllable; and how they may be reduced. Through readings, discussions, activities, and civic engagement, we will explore theoretically grounded interventions and strategies for reducing prejudice, and connect course content to the various equity promoting actions that occur within our own communities.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

PSY 1560

Science of Relationships in Fiction and Film

R 1200 PM - 0245 PM

Ashley Thomas

Course ID: 226404
2026 Spring (4 Credits)

Instructor Permission Required

In some ways, psychology and fiction have similar goals. While fiction is, by definition, not true, it often reveals deep truths about human nature. Psychological research sometimes creates fiction to test scientific hypotheses, and, if all goes well, it too reveals deep truths about human nature. In this course, we will use literature and film to introduce topics on the science of social relationships, including how humans think about love, status, power, and social bonds. We will read two contemporary books, *Still Life* by Sarah Winman and *Pachinko* by Min Jin Lee. These books will be supplemented by films. Both books span several decades and are, most simply, stories about human relationships over time. *Still Life* explores the psychology of love across different types of relationships: family, friendship and romantic relationships. *Pachinko* explores how relationships are changed in societies with racial prejudice. They are both rich with hypotheses about the psychology of social relationships. In addition to reading fiction you will get practice on how to read, dissect, and critique scientific papers on these topics. You will get hands-on experience with designing scientific studies to answer questions about the psychology of social relationships. The final project will be to use hypotheses from the books or films in the course to design an original experiment that investigates the cognition of relationships.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

PSY 1612

Family, School, and Society: Shaping the Developing Child

MW 0300 PM - 0415 PM

Selva Lewin-Bizan

Course ID: 218513
2026 Spring (4 Credits)

Instructor Permission Required

What obstacles do single, low-income fathers face to becoming and staying involved in the lives of their children? Why are students in poor schools at increased risk of entering adulthood without all the skills they need to succeed in the workforce and life? Why do children in poverty have higher chances for serious health issues than wealthier children? What difference do kinship versus non-kinship care arrangements make in the lives of children who are in foster care? Why are children subjected to harsh discipline policies at school more likely to go to jail or prison later in life than those who are not? How do strengths and resiliencies of immigrant children go unnoticed in the face of their many challenges? How important are affirming relationships with family and school

practices for successfully navigating stigma and bullying of LGB youth? Using theory, research findings and other data sources, and current news, this course focuses on the complex social issues that America's children and adolescents face both in their immediate settings of family and school, and with broader societal values, customs, and laws, and the effects of these issues on their psychological development and wellbeing.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

PSY 1622

Course ID: 222786

Emerging Adulthood: Challenges and Possibilities

2025 Fall (4 Credits)

MW 0430 PM - 0545 PM

Instructor Permission Required

Selva Lewin-Bizan

I don't know about you, but I'm feeling 22! Over the past fifty years or so, the typical experiences of people aged 18-29 in developed countries have undergone significant changes. Many now delay marriage and parenthood, while dedicating more time to education. They focus on personal development and tend to be highly optimistic about their future careers and relationships. This developmental stage, known as emerging adulthood, differs from late adolescence and young adulthood in that individuals are less reliant on their parents, no longer considered minors by law, but have not yet fully settled into adult roles. This course offers a critical evaluation of theory and research on several topics relevant to the "in-between" stage of emerging adulthood. These include identity exploration in areas such as love (sex, dating, and long-term relationships), work, and worldviews (political beliefs and civic engagement); evolving relationships with parents, siblings, and grandparents; and structural influences on the transition to adulthood, such as discrimination based on sexual orientation, sexual violence on college campuses, and mental health challenges. The course also emphasizes cultural variations and highlights the unique patterns of experiencing emerging adulthood, even within American society.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

PSY 1626

Course ID: 226193

Language and the Mind

2025 Fall (4 Credits)

MW 0300 PM - 0500 PM

Jesse Snedeker

This class focuses on the big questions: How did human language evolve? Do animals have languages? At what age do we begin to lose our remarkable capacity for language acquisition? How is the human language capacity similar to (and different from) large language models? Do speakers of different languages conceptualize the world in fundamentally different ways? What happens in our brain as we change speech (or sign) into meaning? How do two or more languages fit together in a single mind? What are the advantages of bilingualism and are there any disadvantages? We will explore these questions and others integrating the perspectives of psychology, linguistics, and cognitive science.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

Requires: SLS20 or PSY1 or Psychology AP score of 5 or Psychology IB score of 7 or Psyc S-1 AND PSY11 or PSY14 or PSY15 or PSY16 or PSY18. Cannot be taken for credit if PSY 1605 already complete.

FAS Divisional Distribution: Social Sciences

PSY 1641

Course ID: 226313

Science of Play

2025 Fall (4 Credits)

TR 0300 PM - 0415 PM

Instructor Permission Required

Play is serious business. Ever wonder why play is so important for growing minds and how it shapes the way children learn, connect, and navigate the world? This course explores how play drives social, emotional, and cognitive development across childhood, using insights from developmental psychology, neuroscience, and clinical research. From the imaginative worlds of toddlers to the structured games of older children, students will examine how play builds essential skills like problem-solving, self-regulation, and social bonding. The course also addresses the neurobiological underpinnings of play, such as its role in stress regulation and neural plasticity, and explores its applications in fostering resilience and addressing developmental challenges. Students will investigate how disruptions to play—due to socioeconomic, environmental, or neurodevelopmental factors—affect overall development, while also considering how cultural contexts shape play experiences and inform inclusive, equitable practices. Students will also have opportunities to observe and analyze children's play behaviors in everyday settings, such as children's museums or daycares. By combining cutting-edge research with real-world applications, this course invites students to think creatively and critically about the profound power of play.

For questions about course format and content, please reach out to the instructor, Sarah Lynch (lynchsf@bu.edu). For questions about course registration (enrollment, lotteries, petitions, etc.), please reach out to the Psychology Undergraduate Office (psyenrollment@fas.harvard.edu).

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

PSY 1647

Friend or Foe? The Power of Peer Groups

R 0300 PM - 0500 PM

Course ID: 226315

2026 Spring (4 Credits)

Instructor Permission Required

Do your peers lift you up or hold you back? The answer may shape your future more than you think. This course examines the dual impact of peer group dynamics, exploring how positive peer interactions promote resilience, social competence, and emotional well-being, while negative dynamics—such as gossip, bullying, and exclusion—can disrupt development and increase risk for long-term challenges. Students will analyze the psychological mechanisms behind cliques, peer hierarchies, and victimization, focusing on how these dynamics shape social power, group cohesion, and individual behavior. The course will also explore how factors like cultural norms, socioeconomic status, and group structure influence peer relationships. Through empirical research, real-world case studies, and discussions, students will investigate critical questions such as how peers drive risk-taking behaviors, what makes certain group dynamics toxic or protective, and how peer experiences shape mental health, academic outcomes, and long-term social development. In addition, students will explore recent research on interventions designed to improve peer dynamics, including peer mentoring programs and school-based initiatives aimed at reducing exclusion. By examining these topics in depth, this course highlights the lasting power of peers to influence development during childhood and adolescence, for better or worse.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

PSY 1651R

Language Development: Undergraduate Laboratory Course: Research Seminar

No meeting time listed

Jesse Snedeker

Course ID: 123244

2025 Fall (4 Credits)

Instructor Permission Required

Students participate in research on language acquisition, language comprehension, and language production. Each student has responsibility for a project. Weekly meeting to discuss student projects and readings that are relevant to them. Ten hours a week commitment (includes lab meeting).

Course Note: For undergraduates seeking research experience, especially in preparation for undergraduate theses.

To express interest in enrollment, please email the instructor, Prof. Jesse Snedeker, at snedeker@wjh.harvard.edu.

Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) plus either Science of Living Systems 15 or PSY 16

PSY 1651R
Language Development: Undergraduate Laboratory Course: Research Seminar

Course ID: 123244
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Jesse Snedeker

Students participate in research on language acquisition, language comprehension, and language production. Each student has responsibility for a project. Weekly meeting to discuss student projects and readings that are relevant to them. Ten hours a week commitment (includes lab meeting).

Course Note: For undergraduates seeking research experience, especially in preparation for undergraduate theses.

To express interest in enrollment, please email the instructor, Prof. Jesse Snedeker, at snedeker@wjh.harvard.edu.

Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) plus either Science of Living Systems 15 or PSY 16

FAS Divisional Distribution: Social Sciences

PSY 1652R
Laboratory in Early Cognitive Development

Course ID: 117880
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Elizabeth Spelke

This is a laboratory methods course that provides students with hands-on experience in a cognitive development lab. The aim of the course is for students to engage in all aspects of the scientific process - from experimental design to data collection and interpretation - by working in a lab, and by participating in weekly meetings where key questions and findings in the field are discussed.

Course Note: Open to undergraduate students working in the instructor's laboratory. To express interest in enrollment, please email the lab manager, Georgios Dougalis, at georgios_dougalis@fas.harvard.edu.

FAS Divisional Distribution: Social Sciences

PSY 1652R
Laboratory in Early Cognitive Development

Course ID: 117880
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Elizabeth Spelke

This is a laboratory methods course that provides students with hands-on experience in a cognitive development lab. The aim of the course is for students to engage in all aspects of the scientific process - from experimental design to data collection and interpretation - by working in a lab, and by participating in weekly meetings where key questions and findings in the field are discussed.

Course Note: Open to undergraduate students working in the instructor's laboratory. To express interest in enrollment, please email the lab manager, Georgios Dougalis, at georgios_dougalis@fas.harvard.edu.

FAS Divisional Distribution: Social Sciences

PSY 1709
Psychology of Personality

Course ID: 218509
2026 Spring (4 Credits)

TR 0130 PM - 0245 PM

What is personality? Are we born with it? Can we change it? Are some personalities better than others? Are we good judges of other people's personality? The answer to these questions (and more) is ... it depends! This course will provide you with an introduction to personality psychology – the study of the characteristic patterns of thought, emotion, and behavior, together with the psychological mechanisms – hidden or not – behind those patterns. This course considers the major theoretical, application, research, and assessment issues in the study of individual differences. We will also explore some of the more commonly used personality assessment

measures and cultural influences on personality theory. Through readings and activities, you will gain a deeper understanding of the psychological forces that contribute to the uniqueness of each person, and hopefully, learn more about yourself in the process.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

Requires: SLS20 or PSY1 or Psychology AP=5 or Psychology IB=7 or Psyc S-1 AND PSY11 or PSY14 or PSY15 or PSY16 or PSY18

FAS Divisional Distribution: Social Sciences

PSY 1750

Free Will, Responsibility, and Law

M 0300 PM - 0545 PM

Joshua Greene

Course ID: 123305

2025 Fall (4 Credits)

Instructor Permission Required

Examines the issues of free will and responsibility from philosophical, psychological, and neuroscientific perspectives, with special attention paid to potential legal applications.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from PSY 11, PSY 14, PSY 15, PSY 16, and PSY 18 before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

PSY 1813

Technology and Mental Health

R 0300 PM - 0500 PM

Shifali Singh

Course ID: 220092

2025 Fall (4 Credits)

How does screen time relate to changes in emotional states? Can using social media cause depression and disordered eating? How do influencers' online posts affect self-esteem? In what ways can technology improve equity and access in mental health care? We will explore these questions and more in this course, which will delve into the nuanced ways technology has positively and negatively impacted mental health and wellbeing. For your final project, you will have the opportunity to develop your very own technology-based intervention. Be prepared to think critically about how you and your peers engage with technology!

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and one of PSY 18 or PSY 1861 before enrolling in this course; or permission of instructor.

Requires: SLS20 or PSY1 or Psychology AP=5 or Psychology IB=7 or Psyc S-1 AND PSY18 or PSY1861

FAS Divisional Distribution: Social Sciences

PSY 1816

Mechanisms and Markers of Mental Illness

M 1200 PM - 0200 PM

Mayron Pereira Piccolo Ribeiro

Course ID: 218525

2026 Spring (4 Credits)

Instructor Permission Required

This course integrates clinical psychology and cognitive neuroscience to explore the biological underpinnings of mental illness. We will adopt a systems-level approach, examining the relationship between the function and dysfunction of specific brain circuits and networks and their contribution to mental health disorders. For instance, the brain's reward system has been linked to diagnoses such as addiction, disordered eating, depression, anxiety, post traumatic stress disorder, and psychosis. Understanding this common neural foundation provides insights into how these disorders are interconnected and how this knowledge can advance treatment options. Throughout the course, we will draw on both traditional and cutting-edge methodologies that have produced critical insights and key breakthroughs. Additionally, you will create resources aimed at individuals suffering from specific psychiatric disorders to support them as they await treatment. By the end of this course, you will be able to:

- Describe the brain's reward system and its involvement in psychopathology.
- Relate symptoms in psychopathology to specific brain mechanisms and regions.
- Describe various methodologies used to connect mental illness symptoms to brain mechanisms.
- Responsibly translate scientific research into

accessible information for the general population. In addition to gaining these insights, you will also have the opportunity to improve your writing and communication skills through the creation of practical, psychoeducational resources.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and one of PSY 18 or PSY 1861 before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

PSY 1845

Stigma, Discrimination, and Health

MW 0130 PM - 0245 PM

Mark Hatzenbuehler

Course ID: 216272
2025 Fall (4 Credits)

What is stigma? How do stigmatized identities and conditions differ from each other? Why do we stigmatize? What are the consequences of stigma for cognitions and emotions, for social relationships, and for health? Through what mechanisms—individual, interpersonal, and structural—does stigma operate to produce adverse health outcomes? How do stigmatized individuals cope with and resist stigma? How can we reduce stigma and its negative effects? In this course we will consider stigma as a fundamental cause of health inequalities across a broad range of phenomena, including (but not limited to) mental illness, sexual and gender diversity, weight, disability, aging, poverty, and immigration status. Students can expect to examine stigma as a predicament that affects nearly all individuals at some point in the life course, and to develop expertise in an individual stigma that is relevant to their personal, academic, and professional interests through a series of focused course assignments.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) before enrolling in this course; or permission of instructor.

Requires: Pre-requisite: SLS20 or PSY1 or Psychology AP=5 or Psychology IB=7 or Psyc S-1

FAS Divisional Distribution: Social Sciences

PSY 1848

The Social World of the Developing Psychopath

W 1200 PM - 0200 PM

Course ID: 226317
2026 Spring (4 Credits)

Instructor Permission Required

Some kids break the rules. Others don't seem to care they exist. Why do some grow into empathetic, socially responsible adults while others develop traits like manipulation, fearlessness, and a lack of remorse? This seminar dives into one of the most unsettling questions in developmental psychology: How do early social experiences shape the trajectory toward psychopathy? Students will explore how risk factors such as insecure attachment, harsh parenting, and deviant peer influences contribute to the development of callous-unemotional (CU) traits and severe antisocial behavior. Through a blend of case studies, cutting-edge research, and seminar-style discussions, we'll examine how children with CU traits regulate emotions, navigate peer relationships, and respond (or fail to respond) to traditional interventions. We'll critically evaluate why common treatment approaches often fall short and investigate emerging interventions designed to improve emotion regulation and reduce aggression. This course challenges students to engage with complex issues, explore innovative solutions, and consider how the field of developmental psychology can evolve to better address these difficult behaviors.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and PSY 18 or PSY 1861 before enrolling in this course; or permission of instructor.

PSY 1900

Introduction to Statistics for the Behavioral Sciences

TR 1030 AM - 1145 AM

Course ID: 118254
2025 Fall (4 Credits)

Provides an introduction to statistics used in psychology and other behavioral sciences, with applications to industry-facing data science roles. Emphasizes conceptual understanding of key statistical principles and develops hands-on data analysis skills using the statistical programming language R. Topics include measures

of central tendency and variability, probability and distributions, as well as hypothesis testing and data exploration (including chi-square tests, t-tests, correlation, analysis of variance, and regression). Includes a lab section focused on applying these methods to behavioral data.

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Social Sciences

PSY 1900

Introduction to Statistics for the Behavioral Sciences

MW 0900 AM - 1015 AM

Course ID: 118254
2026 Spring (4 Credits)

Provides an introduction to statistics used in psychology and other behavioral sciences, with applications to industry-facing data science roles. Emphasizes conceptual understanding of key statistical principles and develops hands-on data analysis skills using the statistical programming language R. Topics include measures of central tendency and variability, probability and distributions, as well as hypothesis testing and data exploration (including chi-square tests, t-tests, correlation, analysis of variance, and regression). Includes a lab section focused on applying these methods to behavioral data.

FAS Divisional Distribution: Social Sciences

Quantitative Reasoning with Data: Yes

PSY 1901

Methods of Behavioral Research

M 1200 PM - 0115 PM

Mina Cikara

This is a lecture course with a laboratory component. Our goal is for you to master the essentials of behavioral experimentation through a succession of projects, starting with a small number of fundamental skills that can be used in many areas of psychology, culminating with a larger final group project. Emphasis will be on understanding causal inference and acquiring practical laboratory skills. Basic aspects of data exploration and analysis will be covered. We will place a high value on discussion participation in lecture and lab and the communication of results through effective visual graphics, oral presentations, and written reports.

Course Note: There is a required lab session in addition to lecture.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB=7 or Psyc S-1) and PSY 1900 or the equivalent (e.g., STAT 100, 101, 102 or 104) before enrolling in this course.

Requires: Pre-requisite: SLS20 or PSY1 or Psychology AP=5 or Psychology IB=7 or Psyc S-1 AND PSY 1900 or STAT 100 or STAT 102 or STAT 104

FAS Divisional Distribution: Social Sciences

PSY 1901

Methods of Behavioral Research

M 0130 PM - 0245 PM

Mina Cikara

This is a lecture course with a laboratory component. Our goal is for you to master the essentials of behavioral experimentation through a succession of projects, starting with a small number of fundamental skills that can be used in many areas of psychology, culminating with a larger final group project. Emphasis will be on understanding causal inference and acquiring practical laboratory skills. Basic aspects of data exploration and analysis will be covered. We will place a high value on discussion participation in lecture and lab and the communication of results through effective visual graphics, oral presentations, and written reports.

Course Note: There is a required lab session in addition to lecture.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB=7 or Psyc S-1) and PSY 1900 or the equivalent (e.g., STAT 100, 101, 102 or 104) before enrolling in this course.

Requires: Pre-requisite: SLS20 or PSY1 or Psychology AP=5 or Psychology IB=7 or Psyc S-1 AND PSY 1900 or STAT 100 or STAT 102 or STAT 104

PSY 1903

Programming for Psychologists

T 0300 PM - 0545 PM

Garth Coombs, Susan Buck

Course ID: 213336

2025 Fall (4 Credits)

Instructor Permission Required

Programming is an essential skill in psychological research, allowing you to design and run behavioral experiments and surveys, analyze and visualize data, and more. This course will teach you the foundational coding skills needed to achieve these goals using the open-source languages JavaScript and R. Throughout the semester, we'll explore core programming concepts related to code design and troubleshooting as well as creating clear and reproducible approaches to study design and analysis. We'll begin by establishing a research workflow that is both streamlined and aligned with open science practices, incorporating tools like Git for version control. We will then further explore programming in JavaScript before applying our newly developed coding skills to create online behavioral experiments using the jsPsych library. Finally, we'll continue to strengthen our programming skills as we transition from JavaScript to R and switch our focus to wrangling and exploring datasets. This introductory course requires no prior programming or statistical experience beyond what is covered in PSY 1900 or equivalent. While the examples are psychology-focused, the skills you'll gain are valuable across the social and behavioral sciences. The course may be particularly beneficial for students considering or starting a thesis, those interested in graduate school, and those exploring careers in industry or data science.

The Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and PSY 1900 or the equivalent of introductory statistics before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

PSY 1950

Applied Statistical Data Analysis in Psychology I

TR 0900 AM - 1015 AM

Patrick Mair

Course ID: 121738

2025 Fall (4 Credits)

Instructor Permission Required

The primary goal of this course is to offer intense, foundational exposure to psychological statistics, focusing heavily on applications and computation using the R environment for statistical computing. The methodological core of the first part of the course is the linear model which includes methods such as regression, t-test, analysis of variance (ANOVA), and others. The second part of the course focuses on extensions in terms of linear mixed-effects models (aka multilevel models) and generalized linear mixed-effects models for modeling longitudinal and hierarchical data structures. Students will be exposed to the Frequentist as well as the Bayesian inferential framework.

Course Note: Required of doctoral students in Psychology.

One of Psychology 1900, Statistics 100, 101, 102, 104, or the equivalent.

FAS Divisional Distribution: Social Sciences

PSY 1952

Applied Statistical Data Analysis in Psychology II

MW 1030 AM - 1145 AM

Patrick Mair

Course ID: 117879

2026 Spring (4 Credits)

Instructor Permission Required

This PSY 1950 follow-up course continues with the exposure to state-of-the-art Bayesian and Frequentist statistical modeling techniques. We start with showing how the models we have learned in PSY 1950 can be used for prediction. The next two units tackle power analysis (including simulations for mixed-effects setups) followed by two units elaborating on what to do with missing values. Subsequently, we introduce model comparison including segmented and polynomial regression, followed by a modern framework for modeling the effects of predictors in a truly nonlinear fashion: generalized additive models (GAM). GAM can be seen as an extension of the GLMM framework. The same applies to regression shrinkage techniques like lasso and ridge which incorporate penalties into regression and can be used for predictor selection or multicollinearity scenarios. Next up are path models which give us possibilities for structural regression extensions that go beyond standard "multiple IVs, single DV" settings. A popular example of such a structural extension is mediation models which we cover in great detail, including longitudinal mediation. This is followed by causal inference which is all about making causal statements of the effect of one variable onto another. We cover the potential outcomes framework, and revisit mediation within this context. Finally, we take a deeper dive into Bayesian inference including

some probability theory geared towards Bayes theorem, ROPE testing, and MCMC convergence checks. Finally we learn how to define our own priors.

The Psychology Department requires completion of PSY 1950 or equivalent.

FAS Divisional Distribution: Social Sciences

PSY 2010

Course ID: 118790
2025 Fall (4 Credits)

Contemporary Topics in Psychological Research

MW 0300 PM - 0415 PM

Instructor Permission Required

Fiery Cushman, Randy Buckner

Advanced survey of research topics in cognition/brain/behavior, development, experimental psychopathology, clinical and social psychology.

Course Note: Required of, and limited to, first-year doctoral students in the department of Psychology.

Please note that class will be Mondays 9:45-11:15am and Wednesdays 3:00-4:30pm.

FAS Divisional Distribution: Social Sciences

PSY 2040

Course ID: 140850
2025 Fall (4 Credits)

Contemporary Topics in Psychopathology

W 1245 PM - 0245 PM

Instructor Permission Required

Jill Hooley

Advanced survey of current topics in experimental psychopathology.

Course Note: Required of first- or second-year Harvard doctoral students in clinical psychology or experimental psychopathology. Open to other graduate students in the Psychology Department with permission of instructor.

FAS Divisional Distribution: Social Sciences

PSY 2070

Course ID: 204369
2025 Fall (4 Credits)

Modern Psychometric Theory and Methods

R 1245 PM - 0245 PM

Instructor Permission Required

Patrick Mair

By its classical definition, Psychometrics is concerned with the theory and techniques of psychological measurement. In this class we will cover a wide variety of modern psychometric methods; a big portion of them going beyond the classical psychometrics definition boundaries. The first half of the class covers a variety of exploratory scaling (unsupervised learning) methods. The aim is to scale and visualize association patterns in complex, multivariate datasets. Such techniques include principal components analysis (PCA), correspondence analysis (CA), Gifi methods, multidimensional scaling (MDS), and (social) networks. The second half of the class deals with parametric psychometric methods. We start with basic elaborations on measurement and reliability, before moving on to latent variable models. Within this context we cover exploratory and confirmatory factor analysis, and structural equation models which allow us to model complex relationships among (latent) variables. Finally we introduce item response theory, a measurement framework for categorical data. One overarching goal of these latent variable units is to replace a naive sum score by something more sophisticated. The last unit (psychometric theory) will be held by Richard McNally where he will talk about validity, and will cover theories of intelligence, personality, and behavior genetics fundamentals. All topics covered will be supported by corresponding computations and illustrations in R, and supported by lab sections.

The Psychology Department requires that both Harvard graduate and undergraduate students have completed Psych 1950 (or an equivalent course), as well as having basic R knowledge.

FAS Divisional Distribution: Social Sciences

PSY 2160R

Course ID: 108491
2025 Fall (4 Credits)

Laboratory for Affective and Developmental Neuroscience

F 1200 PM - 0245 PM

Instructor Permission Required

Leah Somerville

Conduct research on emotion processing and/or adolescent socioemotional development, incorporating methods of cognitive neuroscience including functional brain imaging (fMRI). Read and discuss current issues in the fields of affective, cognitive, and developmental neuroscience.

Course Note: Open to graduate and undergraduate students working in the instructor's laboratory. To express interest in enrollment, please email the lab at andl@g.harvard.edu and fill out the survey at https://docs.google.com/forms/u/1/d/e/1FAIpQLSdCOBQ1BFYJ_nt4EK5XYMaWdScZyM7J2zvmSowF5-ggq52AEQ/viewform?c=0&w=1&usp=send_form.

For undergraduates, Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from MCB/NEURO 80, MCB 81, PSY 11, PSY 14, PSY 15, PSY 16, or PSY 18.

FAS Divisional Distribution: Social Sciences

PSY 2160R

Laboratory for Affective and Developmental Neuroscience

F 1200 PM - 0245 PM

Leah Somerville

Course ID: 108491
2026 Spring (4 Credits)

Instructor Permission Required

Conduct research on emotion processing and/or adolescent socioemotional development, incorporating methods of cognitive neuroscience including functional brain imaging (fMRI). Read and discuss current issues in the fields of affective, cognitive, and developmental neuroscience.

Course Note: Open to graduate and undergraduate students working in the instructor's laboratory. To express interest in enrollment, please email the lab at andl@g.harvard.edu and fill out the survey at https://docs.google.com/forms/u/1/d/e/1FAIpQLSdCOBQ1BFYJ_nt4EK5XYMaWdScZyM7J2zvmSowF5-ggq52AEQ/viewform?c=0&w=1&usp=send_form.

For undergraduates, Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from MCB/NEURO 80, MCB 81, PSY 11, PSY 14, PSY 15, PSY 16, or PSY 18.

FAS Divisional Distribution: Social Sciences

PSY 2220R

Laboratory on Social Cognitive Development

No meeting time listed

Ashley Thomas

Course ID: 222167
2025 Fall (4 Credits)

Instructor Permission Required

This laboratory methods course provides students with hands-on experience in a cognitive development lab that focuses on social relationships. Students will engage in all aspects of the scientific process. Participants will work on topics including experimental design, data collection, and analysis. Most of the projects will involve working with infants, children and their parents. Participants will work closely with a mentor in the lab and will participate in meetings where key questions and findings in the field are discussed.

Course Note: Open to graduate and undergraduate students working in the instructor's laboratory. To express interest in enrollment, please email the instructor, Prof. Ashley Thomas, at athomas@g.harvard.edu.

For undergraduates, prior coursework in psychology and a concentration in psychology is preferred, but not required.

FAS Divisional Distribution: Social Sciences

PSY 2220R

Laboratory on Social Cognitive Development

No meeting time listed

Ashley Thomas

Course ID: 222167
2026 Spring (4 Credits)

Instructor Permission Required

This laboratory methods course provides students with hands-on experience in a cognitive development lab that focuses on social relationships. Students will engage in all aspects of the scientific process. Participants will work on topics including experimental design, data collection, and analysis. Most of the projects will involve working with infants, children and their parents. Participants will work closely with a mentor in the lab and will participate in meetings where key questions and findings in the field are discussed.

Course Note: Open to graduate and undergraduate students working in the instructor's laboratory. To express interest in enrollment, please email the instructor, Prof. Ashley Thomas, at athomas@g.harvard.edu.

For undergraduates, prior coursework in psychology and a concentration in psychology is preferred, but not required.

FAS Divisional Distribution: Social Sciences

PSY 2225R

Course ID: 222219
2025 Fall (4 Credits)

Lab in Early Language and Cognitive Development

No meeting time listed

Instructor Permission Required

Elika Bergelson

In this lab course, students participate in research asking how we learn language in the first few years of life, and how this connects to our broader cognitive abilities to think, interact, and learn. Each undergraduate student will contribute to one or more ongoing projects and work closely with a grad and/or postdoctoral mentor. All enrollees will get front row exposure to and training in psychological research, including how experiments and observational analyses are designed, how data is collected, cleaned, and analyzed, open science practices, and how research goes from an idea to a published paper. Weekly lab meeting to discuss student projects and readings relevant to them. Each enrollee will have the opportunity to present lab or lab-relevant research once per semester. Ten hours a week commitment (includes lab meeting).

Course Note: Open to graduate and undergraduate students working in the instructor's laboratory. To express interest in enrollment, please email the lab manager, Lilli Richter, at larichter@fas.harvard.edu.

For undergraduates, the Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) or prior coursework in Linguistics before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

PSY 2225R

Course ID: 222219
2026 Spring (4 Credits)

Lab in Early Language and Cognitive Development

No meeting time listed

Instructor Permission Required

Elika Bergelson

In this lab course, students participate in research asking how we learn language in the first few years of life, and how this connects to our broader cognitive abilities to think, interact, and learn. Each undergraduate student will contribute to one or more ongoing projects and work closely with a grad and/or postdoctoral mentor. All enrollees will get front row exposure to and training in psychological research, including how experiments and observational analyses are designed, how data is collected, cleaned, and analyzed, open science practices, and how research goes from an idea to a published paper. Weekly lab meeting to discuss student projects and readings relevant to them. Each enrollee will have the opportunity to present lab or lab-relevant research once per semester. Ten hours a week commitment (includes lab meeting).

Course Note: Open to graduate and undergraduate students working in the instructor's laboratory. To express interest in enrollment, please email the lab manager, Lilli Richter, at larichter@fas.harvard.edu.

For undergraduates, the Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) or prior coursework in Linguistics before enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

PSY 2301

Course ID: 207497
2025 Fall (4 Credits)

Theories of Learning

M 0945 AM - 1145 AM

Instructor Permission Required

Samuel Gershman

This course provides a tour of foundational topics in learning from a theoretical perspective. It covers a diversity of learning processes, aiming for breadth over depth (although it inevitably neglects several important forms of learning). Each meeting will consist of student-led presentations of two papers. Experience with computational modeling is not required, but students should have some familiarity with basic math (algebra and probability).

For undergraduates, the Psychology Department requires completion of Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB=7 or Psych S-1) and at least one foundational course from PSY 14, PSY 15, PSY 16, PSY 18, or Science of Living Systems 15 before

enrolling in this course; or permission of instructor.

FAS Divisional Distribution: Social Sciences

PSY 2341R

Research Seminar in Affect, Learning and Decision-Making

No meeting time listed

Elizabeth Phelps

Meets weekly to describe current laboratory research or outside studies examining emotion's influence on learning, memory, and decision making.

Course Note: Open to graduate and undergraduate students working in the instructor's laboratory. To express interest in enrollment, please email the instructor, Prof. Elizabeth Phelps, at phelps@fas.harvard.edu.

FAS Divisional Distribution: Social Sciences

Course ID: 212777

2025 Fall (4 Credits)

Instructor Permission Required

PSY 2341R

Research Seminar in Affect, Learning and Decision-Making

No meeting time listed

Elizabeth Phelps

Meets weekly to describe current laboratory research or outside studies examining emotion's influence on learning, memory, and decision making.

Course Note: Open to graduate and undergraduate students working in the instructor's laboratory. To express interest in enrollment, please email the instructor, Prof. Elizabeth Phelps, at phelps@fas.harvard.edu.

FAS Divisional Distribution: Social Sciences

Course ID: 212777

2026 Spring (4 Credits)

Instructor Permission Required

PSY 2350R

Laboratory on Reinforcement Learning and Decision Making

F 0945 AM - 1145 AM

Samuel Gershman

This lab course provides instruction and experience in conducting research on reinforcement learning and decision making, using a combination of computational, behavioral and neural techniques. Students will learn how to fit models of reinforcement learning and decision making to behavioral data, collect and analyze functional MRI data, and develop algorithms for artificial intelligence. Undergraduates are required to write a research report at the end of the semester on the studies conducted in the lab.

Course Note: Open to graduate and undergraduate students working in the instructor's laboratory. To express interest in enrollment, please email the instructor, Prof. Sam Gershman, at gershman@fas.harvard.edu.

FAS Divisional Distribution: Social Sciences

Course ID: 160657

2025 Fall (4 Credits)

Instructor Permission Required

PSY 2350R

Laboratory on Reinforcement Learning and Decision Making

F 0945 AM - 1145 AM

Samuel Gershman

This lab course provides instruction and experience in conducting research on reinforcement learning and decision making, using a combination of computational, behavioral and neural techniques. Students will learn how to fit models of reinforcement learning and decision making to behavioral data, collect and analyze functional MRI data, and develop algorithms for artificial intelligence. Undergraduates are required to write a research report at the end of the semester on the studies conducted in the lab.

Course Note: Open to graduate and undergraduate students working in the instructor's laboratory. To express interest in enrollment, please email the instructor, Prof. Sam Gershman, at gershman@fas.harvard.edu.

FAS Divisional Distribution: Social Sciences

Course ID: 160657

2026 Spring (4 Credits)

Instructor Permission Required

PSY 2352R

Laboratory for Social Cognitive Neuroscience

No meeting time listed

Jason Mitchell

Course ID: 122871

2025 Fall (4 Credits)

Instructor Permission Required

Provides instruction and experience in conducting research on social cognition via the methods of cognitive neuroscience. Special focus on issues of mental state inference, stereotyping, and the self.

Course Note: Open to graduate and undergraduate students working in the instructor's laboratory.

To express interest in enrollment, please email the instructor, Prof. Jason Mitchell, at jason_mitchell@harvard.edu.

FAS Divisional Distribution: Social Sciences

PSY 2352R

Laboratory for Social Cognitive Neuroscience

No meeting time listed

Jason Mitchell

Course ID: 122871

2026 Spring (4 Credits)

Instructor Permission Required

Provides instruction and experience in conducting research on social cognition via the methods of cognitive neuroscience. Special focus on issues of mental state inference, stereotyping, and the self.

Course Note: Open to graduate and undergraduate students working in the instructor's laboratory.

To express interest in enrollment, please email the instructor, Prof. Jason Mitchell, at jason_mitchell@harvard.edu.

FAS Divisional Distribution: Social Sciences

PSY 2354R

Advanced Laboratory in Cognitive Neuroscience

No meeting time listed

Randy Buckner

Course ID: 123319

2025 Fall (4 Credits)

Instructor Permission Required

Students work directly on a research project and get hands-on experience with neuroimaging and cognitive neuroscience techniques, including functional MRI. MRI laboratory training consists of safety, instruction on running the scanner, and paradigm design. In addition to laboratory work, students attend a weekly research seminar where ongoing and proposed research projects are discussed.

Course Note: Open to graduate and undergraduate students working in the instructor's laboratory.

To express interest in enrollment, please email the instructor, Prof. Randy Buckner, at randy_buckner@harvard.edu.

FAS Divisional Distribution: Social Sciences

PSY 2354R

Advanced Laboratory in Cognitive Neuroscience

No meeting time listed

Randy Buckner

Course ID: 123319

2026 Spring (4 Credits)

Instructor Permission Required

Students work directly on a research project and get hands-on experience with neuroimaging and cognitive neuroscience techniques, including functional MRI. MRI laboratory training consists of safety, instruction on running the scanner, and paradigm design. In addition to laboratory work, students attend a weekly research seminar where ongoing and proposed research projects are discussed.

Course Note: Open to graduate and undergraduate students working in the instructor's laboratory.

To express interest in enrollment, please email the instructor, Prof. Randy Buckner, at randy_buckner@harvard.edu.

FAS Divisional Distribution: Social Sciences

PSY 2355R Course ID: 109597
Laboratory on Cognitive and Neural Organization 2025 Fall (4 Credits)
No meeting time listed *Instructor Permission Required*
Talia Konkle

This lab course provides instruction and experience in conducting research on cognitive architecture and neural organization, via the methods of visual cognition and cognitive neuroscience. Special focus on issues of high-level visual representation and the corresponding structure in neural response profiles. Open to graduate and undergraduate students working in the instructor's laboratory. Undergraduates are required to write a research report at the end of the semester on the studies conducted in the lab.

Course Note: Open to graduate and undergraduate students working in the instructor's laboratory.
To express interest in enrollment, please email the instructor, Prof. Talia Konkle, at tkonkle@fas.harvard.edu.

FAS Divisional Distribution: Social Sciences

PSY 2355R Course ID: 109597
Laboratory on Cognitive and Neural Organization 2026 Spring (4 Credits)
No meeting time listed *Instructor Permission Required*
Talia Konkle

This lab course provides instruction and experience in conducting research on cognitive architecture and neural organization, via the methods of visual cognition and cognitive neuroscience. Special focus on issues of high-level visual representation and the corresponding structure in neural response profiles. Open to graduate and undergraduate students working in the instructor's laboratory. Undergraduates are required to write a research report at the end of the semester on the studies conducted in the lab.

Course Note: Open to graduate and undergraduate students working in the instructor's laboratory.
To express interest in enrollment, please email the instructor, Prof. Talia Konkle, at tkonkle@fas.harvard.edu.

FAS Divisional Distribution: Social Sciences

PSY 2356R Course ID: 125323
Visual Cognition: Research Seminar 2025 Fall (4 Credits)
No meeting time listed *Instructor Permission Required*
George Alvarez

Discussion of current research on visual cognition (how we perceive, attend to, and remember visual information). We will also discuss ongoing research by participants in the seminar.

Course Note: Open to graduate and undergraduates working in the instructor's laboratory.
To express interest in enrollment, please email the instructor, Prof. George Alvarez, at alvarez@wjh.harvard.edu.

FAS Divisional Distribution: Social Sciences

PSY 2356R Course ID: 125323
Visual Cognition: Research Seminar 2026 Spring (4 Credits)
No meeting time listed *Instructor Permission Required*
George Alvarez

Discussion of current research on visual cognition (how we perceive, attend to, and remember visual information). We will also discuss ongoing research by participants in the seminar.

Course Note: Open to graduate and undergraduates working in the instructor's laboratory.
To express interest in enrollment, please email the instructor, Prof. George Alvarez, at alvarez@wjh.harvard.edu.

FAS Divisional Distribution: Social Sciences

PSY 2358R Course ID: 110714
Memory: Research Seminar 2025 Fall (4 Credits)
No meeting time listed *Instructor Permission Required*
Daniel Schacter

Meets weekly to discuss current laboratory research on memory, imagination, future thinking, and related topics.

Course Note: Limited to students involved in research.

To express interest in enrollment, please email the instructor, Prof. Daniel Schacter, at dls@wjh.harvard.edu.

FAS Divisional Distribution: Social Sciences

PSY 2358R

Memory: Research Seminar

No meeting time listed

Daniel Schacter

Course ID: 110714
2026 Spring (4 Credits)

Instructor Permission Required

Meets weekly to discuss current laboratory research on memory, imagination, future thinking, and related topics.

Course Note: Limited to students involved in research.

To express interest in enrollment, please email the instructor, Prof. Daniel Schacter, at dls@wjh.harvard.edu.

FAS Divisional Distribution: Social Sciences

PSY 2362R

Laboratory for Computational Cognitive Science and Development

No meeting time listed

Tomer Ullman

Course ID: 212805
2025 Fall (4 Credits)

Instructor Permission Required

The lab course provides instruction and experience in conducting research on computational cognitive science, with an emphasis on cognitive development and program induction. Open to graduate and undergraduate students working in the instructor's laboratory. Undergraduates are required to write a research report at the end of the semester on the studies in the lab.

Course Note: To express interest in enrollment, please email the instructor, Prof. Tomer Ullman, at tullman@fas.harvard.edu.

FAS Divisional Distribution: Social Sciences

PSY 2362R

Laboratory for Computational Cognitive Science and Development

No meeting time listed

Tomer Ullman

Course ID: 212805
2026 Spring (4 Credits)

Instructor Permission Required

The lab course provides instruction and experience in conducting research on computational cognitive science, with an emphasis on cognitive development and program induction. Open to graduate and undergraduate students working in the instructor's laboratory. Undergraduates are required to write a research report at the end of the semester on the studies in the lab.

Course Note: To express interest in enrollment, please email the instructor, Prof. Tomer Ullman, at tullman@fas.harvard.edu.

FAS Divisional Distribution: Social Sciences

PSY 2400

Cognitive Psychology and Emotional Disorders

W 1200 PM - 0200 PM

Richard McNally

Course ID: 117820
2026 Spring (4 Credits)

Instructor Permission Required

Research and theory on the application of cognitive psychology methods applied to the understanding of anxiety and mood disorders. Limited to graduate students.

FAS Divisional Distribution: Social Sciences

PSY 2410R

Laboratory Research on Emotional Disorders

Course ID: 107706

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Richard McNally

Involves readings, seminar discussion, and research on emotional disorders conducted in the instructor's laboratory (e.g., social anxiety disorder, complicated grief, obsessive-compulsive disorder).

Course Note: Open to graduate and undergraduate students working in the instructor's laboratory.

To express interest in enrollment, please email the instructor, Prof. Rich McNally, at rjm@wjh.harvard.edu.

FAS Divisional Distribution: Social Sciences

PSY 2410R

Laboratory Research on Emotional Disorders

Course ID: 107706

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Richard McNally

Involves readings, seminar discussion, and research on emotional disorders conducted in the instructor's laboratory (e.g., social anxiety disorder, complicated grief, obsessive-compulsive disorder).

Course Note: Open to graduate and undergraduate students working in the instructor's laboratory.

To express interest in enrollment, please email the instructor, Prof. Rich McNally, at rjm@wjh.harvard.edu.

FAS Divisional Distribution: Social Sciences

PSY 2430

Cultural and Individual Diversity

Course ID: 119217

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Mark Hatzenbuehler

This course will examine cultural, racial, ethnic, and other individual differences in human behavior which affect the practice of psychology. We will review the current science examining the relationship between these factors and human behavior, psychopathology, and provision of psychological services through readings and case discussion.

Course Note: Must be a Harvard graduate student in the clinical psychology program.

FAS Divisional Distribution: Social Sciences

PSY 2446R

Clinical Research Laboratory

Course ID: 123042

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Jill Hooley

Provides instruction and experience conducting clinical research in laboratory and clinical settings, with a special focus on severe psychopathology. Topics will include: Self-Injurious behaviors, depression, and adult attachment patterns in close relationships.

Course Note: Open to graduate and undergraduate students working in the instructor's laboratory.

To express interest in enrollment, please email the instructor, Prof. Jill Hooley, at jmh@wjh.harvard.edu.

FAS Divisional Distribution: Social Sciences

PSY 2446R

Clinical Research Laboratory

Course ID: 123042

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Jill Hooley

Provides instruction and experience conducting clinical research in laboratory and clinical settings, with a special focus on severe psychopathology. Topics will include: Self-Injurious behaviors, depression, and adult attachment patterns in close relationships.

*Course Note: Open to graduate and undergraduate students working in the instructor's laboratory.
To express interest in enrollment, please email the instructor, Prof. Jill Hooley, at jmh@wjh.harvard.edu.*

FAS Divisional Distribution: Social Sciences

PSY 2452R	Course ID: 216182
Laboratory Research on the Biopsychosocial Effects of Stigma	2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Mark Hatzenbuehler

Our lab uses a range of methods to examine the biological, psychological, and social consequences of stigma as applied to a broad range of phenomena, including (but not limited to) mental illness and addiction, sexual and gender diversity, weight, race, and immigration status. The course involves readings, seminar discussion, and research on these topics.

Course Note: To express interest in enrollment, please email the instructor, Prof. Mark Hatzenbuehler, at markhatzenbuehler@fas.harvard.edu.

FAS Divisional Distribution: Social Sciences

PSY 2452R	Course ID: 216182
Laboratory Research on the Biopsychosocial Effects of Stigma	2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Mark Hatzenbuehler

Our lab uses a range of methods to examine the biological, psychological, and social consequences of stigma as applied to a broad range of phenomena, including (but not limited to) mental illness and addiction, sexual and gender diversity, weight, race, and immigration status. The course involves readings, seminar discussion, and research on these topics.

Course Note: To express interest in enrollment, please email the instructor, Prof. Mark Hatzenbuehler, at markhatzenbuehler@fas.harvard.edu.

FAS Divisional Distribution: Social Sciences

PSY 2460	Course ID: 113704
Diagnostic Interviewing	2025 Fall (4 Credits)

T 0945 AM - 1145 AM

Instructor Permission Required

Rebecca Shingleton

In this course, we will focus on basic clinical and diagnostic interviewing skills. Particular attention will be devoted to the Structured Clinical Interview for DSM (SCID-5) with some exposure to other structured interviews (e.g. ADIS, K-SADS). The aim of the course is to provide students with the skills needed to make reliable diagnostic assessments for research and clinical purposes.

Course Note: Must be a Harvard graduate student in the clinical psychology program.

FAS Divisional Distribution: Social Sciences

PSY 2461R	Course ID: 119124
Laboratory for Clinical and Developmental Research	2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Matthew Nock

Provides instruction and experience in conducting clinical research in laboratory and clinical settings, with a special focus on developmental psychopathology.

Course Note: To express interest in enrollment, please email the instructor, Prof. Matt Nock, at nock@wjh.harvard.edu.

FAS Divisional Distribution: Social Sciences

PSY 2461R

Laboratory for Clinical and Developmental Research

No meeting time listed

Matthew Nock

Provides instruction and experience in conducting clinical research in laboratory and clinical settings, with a special focus on developmental psychopathology.

Course Note: To express interest in enrollment, please email the instructor, Prof. Matt Nock, at nock@wjh.harvard.edu.

Course ID: 119124
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Social Sciences

PSY 2500

Proseminar in Social Psychology

M 0300 PM - 0545 PM

Fiery Cushman

Advanced survey of classic and current research and theory in social psychology, including self, social cognition, attitudes, social influence, altruism and aggression, prejudice and discrimination, close relationships, and group dynamics.

Course Note: For doctoral students only.

Course ID: 115578
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Social Sciences

PSY 2554R

Laboratory on Complex Thought and Cooperation

T 0130 PM - 0245 PM

Joshua Greene

In this hands-on lab course, students have the opportunity to participate in all aspects of psychological research, including experimental design, data collection, and data analysis. Each student will work closely with a graduate student or post-doctoral mentor. Topics of research are divided across cognitive and social psychology.

Cognitive projects focus on the neuroscience of complex thought: Humans can understand and reason about an effectively infinite number of different ideas. How do our brains accomplish this? Social projects are applied work focused on promoting cooperation, conflict resolution, and improved social decision-making. Methods include fMRI, neural network modeling, and online and in-lab behavioral experiments.

Course Note: To express interest in enrollment, please email the lab manager, Isobel Munday, at imunday@fas.harvard.edu.

Course ID: 123308
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Social Sciences

PSY 2554R

Laboratory on Complex Thought and Cooperation

T 0130 PM - 0245 PM

Joshua Greene

In this hands-on lab course, students have the opportunity to participate in all aspects of psychological research, including experimental design, data collection, and data analysis. Each student will work closely with a graduate student or post-doctoral mentor. Topics of research are divided across cognitive and social psychology.

Cognitive projects focus on the neuroscience of complex thought: Humans can understand and reason about an effectively infinite number of different ideas. How do our brains accomplish this? Social projects are applied work focused on promoting cooperation, conflict resolution, and improved social decision-making. Methods include fMRI, neural network modeling, and online and in-lab behavioral experiments.

Course Note: To express interest in enrollment, please email the lab manager, Isobel Munday, at imunday@fas.harvard.edu.

Course ID: 123308
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Social Sciences

PSY 2560R

Laboratory in Social Cognition

T 0130 PM - 0245 PM

Fiery Cushman

Course ID: 156623

2025 Fall (4 Credits)

Instructor Permission Required

Laboratory methods and research seminar on social cognition, with emphasis on moral judgment and attributional processes. Provides experience with behavioral, formal and neuroscientific research methods.

Course Note: To express interest in enrollment, please email the instructor, Prof. Fiery Cushman, at cushman@fas.harvard.edu.

FAS Divisional Distribution: Social Sciences

PSY 2560R

Laboratory in Social Cognition

T 0130 PM - 0245 PM

Fiery Cushman

Course ID: 156623

2026 Spring (4 Credits)

Instructor Permission Required

Laboratory methods and research seminar on social cognition, with emphasis on moral judgment and attributional processes. Provides experience with behavioral, formal and neuroscientific research methods.

Course Note: To express interest in enrollment, please email the instructor, Prof. Fiery Cushman, at cushman@fas.harvard.edu.

FAS Divisional Distribution: Social Sciences

PSY 2572

Ghosts in the Machine's Mind: Cognitive and Social Signatures of Large Language Models

T 1245 PM - 0245 PM

Mahzarin Banaji

Course ID: 226476

2025 Fall (4 Credits)

Instructor Permission Required

It is unquestionably hopeful to imagine a world in which AI can help cure diseases, solve the disasters wrought by climate change, and wipe out age-old inequalities. It is also clear that the power of AI today is at an inflection point. The rise of deep learning architectures like the Transformer has yielded models capable of an array of impressive tasks, from seamless human-like conversation to composing symphonies. While these advances incorporate specialized machine learning models, the advent of Large Language Models (LLMs) present a broad array of possibilities. LLMs have surprised the scientific community and even their creators by exhibiting emergent abilities once thought to be uniquely human, such as fairly advanced cognition and reasoning, although the full extent of these accomplishments is debated. Yet, despite this excitement, substantive efforts at testing the cognitive and social abilities of general-purpose AI models is in its early stages. The technology behind ChatGPT, for example, while impressive, is not without problems, and even dangers. Research has shown that these models can amplify patterns of bias in their training corpus. While capable of passing standardized tests in varied domains, these models are strikingly poor at solving mathematical problems and transformers are more generally less successful in solving problems external to their training data. Despite these shortfalls, the promise of this technology – still in its infancy – is enormous. Because "[t]he purpose of science is to develop, without prejudice or preconception of any kind, a knowledge of the facts, the laws, and the processes of nature" we will apply this commitment to understanding the cognitive and social features revealed in ongoing discoveries (i.e., unpublished research) about LLMs by the participants in the course. This course is geared towards graduate students (and some qualified undergraduates) from various disciplines, especially psychology, computer science and related fields. Students will present their ongoing research to the class and as such, this course is only for students already engaged in research on the cognitive and social aspects of LLMs. This course will be organized like a lab meeting, with the weekly topics being constructed out of the projects of the participating students. The hope is that in this moment of rapid testing and learning, students will benefit from learning about the challenges each confronts and the advances each is making, to reduce the problem of each student reinventing the wheel.

It is advisable to contact the instructor prior to registering for this course to discuss the value of the course to the student and the student to the course. Please reach out to mahzarin_banaji@harvard.edu. This is Professor Banaji's last course to be taught at Harvard University.

FAS Divisional Distribution: Social Sciences

PSY 2580R

Doing Psychological Science

No meeting time listed

Daniel Gilbert

Course ID: 113780

2025 Fall (4 Credits)

Instructor Permission Required

Psychology 2580r is a hands-on course in which students participate in all aspects of the research process, from the design and execution of empirical research studies to the analysis of data. Each student works closely with a graduate student or post-doctoral mentor who supervises the student's daily activities. Students are admitted to PSY 2580r only by permission.

Course Note: Open to students working on research in the instructor's laboratory.

To express interest in enrollment, please email the instructor, Prof. Daniel Gilbert, at gilbert@wjh.harvard.edu.

Course enrollment information may be found at: <http://www.danielgilbert.com/2580r.htm>

FAS Divisional Distribution: Social Sciences

PSY 2580R

Doing Psychological Science

No meeting time listed

Daniel Gilbert

Course ID: 113780

2026 Spring (4 Credits)

Instructor Permission Required

Psychology 2580r is a hands-on course in which students participate in all aspects of the research process, from the design and execution of empirical research studies to the analysis of data. Each student works closely with a graduate student or post-doctoral mentor who supervises the student's daily activities. Students are admitted to PSY 2580r only by permission.

Course Note: Open to students working on research in the instructor's laboratory.

To express interest in enrollment, please email the instructor, Prof. Daniel Gilbert, at gilbert@wjh.harvard.edu.

Course enrollment information may be found at: <http://www.danielgilbert.com/2580r.htm>

FAS Divisional Distribution: Social Sciences

PSY 2620R

Lab in Intergroup Neuroscience

T 0130 PM - 0245 PM

Mina Cikara

Course ID: 156624

2025 Fall (4 Credits)

Instructor Permission Required

Year-long lab course exploring how cognition, affect, neural responses, and behavior change when social relations shift from "me and you" to "us and them." Students will participate in experiment development and data collection employing methods ranging from standard laboratory experiments, implicit and explicit self-reports, and behavioral measures, to fMRI and psychophysiology. Students will also read and discuss papers on intergroup relations in our weekly meetings.

Course Note: To express interest in enrollment, please email the instructor, Prof. Mina Cikara, at mcikara@fas.harvard.edu.

For undergraduates, Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from MCB/NEURO 80, MCB 81, PSY 11, PSY 14, PSY 15, PSY 16, or PSY 18.

FAS Divisional Distribution: Social Sciences

PSY 2620R

Lab in Intergroup Neuroscience

T 0130 PM - 0245 PM

Mina Cikara

Course ID: 156624

2026 Spring (4 Credits)

Instructor Permission Required

Year-long lab course exploring how cognition, affect, neural responses, and behavior change when social relations shift from "me and you" to "us and them." Students will participate in experiment development and data collection employing methods ranging from standard laboratory experiments, implicit and explicit self-reports, and behavioral measures, to fMRI and psychophysiology. Students will also read and discuss papers on intergroup relations in our weekly meetings.

Course Note: To express interest in enrollment, please email the instructor, Prof. Mina Cikara, at mcikara@fas.harvard.edu.

For undergraduates, Science of Living Systems 20 or Psychology 1 or the equivalent of introductory psychology (e.g. Psych AP=5 or IB =7 or Psyc S-1) and at least one foundational course from MCB/NEURO 80, MCB 81, PSY 11, PSY 14, PSY 15, PSY 16, or PSY 18.

FAS Divisional Distribution: Social Sciences

PSY 2640R	Course ID: 116417
The Understand Seminar	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Mahzarin Banaji	

Topics can include all aspects of implicit social cognition, primarily questions of methodology, attitude and belief change, attitude and belief development, the accuracy and inaccuracy of stereotypic knowledge, and evaluation of organizational programs that teach about implicit associations.

Course Note: Open to graduate and undergraduate students working in the instructor's laboratory.

To express interest in enrollment, please email the instructor, Prof. Mahzarin Banaji, at mahzarin_banaji@harvard.edu.

FAS Divisional Distribution: Social Sciences

PSY 2660R	Course ID: 114362
Research Seminar in Mindfulness Theory	2025 Fall (4 Credits)
T 0130 PM - 0245 PM	<i>Instructor Permission Required</i>
Ellen Langer	

Research will be designed/conducted on the relationship between mindfulness and physical health/well-being, broadly conceived. For example, topics include cancer, autism, Alzheimer's, bullying, innovation.

Course Note: Open to students working in the instructor's laboratory.

To express interest in enrollment, please email the instructor, Prof. Ellen Langer, at langer@wjh.harvard.edu.

FAS Divisional Distribution: Social Sciences

PSY 3010	Course ID: 122605
Special Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
George Alvarez	

PSY 3010	Course ID: 122605
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
George Alvarez	

PSY 3010 (0010)	Course ID: 122605
Special Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Joshua Greene	

PSY 3010 (0010)	Course ID: 122605
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Joshua Greene	

PSY 3010 (0011)	Course ID: 122605
Special Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Mark Hatzenbuehler</i>	

PSY 3010 (0011)	Course ID: 122605
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Mark Hatzenbuehler</i>	

PSY 3010 (0012)	Course ID: 122605
Special Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Jill Hooley</i>	

PSY 3010 (0012)	Course ID: 122605
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Jill Hooley</i>	

PSY 3010 (0013)	Course ID: 122605
Special Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Talia Konkle</i>	

PSY 3010 (0013)	Course ID: 122605
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Talia Konkle</i>	

PSY 3010 (0014)	Course ID: 122605
Special Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Ellen Langer</i>	

PSY 3010 (0014)	Course ID: 122605
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Ellen Langer</i>	

PSY 3010 (0015)	Course ID: 122605
Special Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Richard McNally</i>	

PSY 3010 (0015)	Course ID: 122605
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>

PSY 3010 (0016)

Special Reading and Research

No meeting time listed

Jason Mitchell

Course ID: 122605

2025 Fall (4 Credits)

Instructor Permission Required

PSY 3010 (0016)

Special Reading and Research

No meeting time listed

Jason Mitchell

Course ID: 122605

2026 Spring (4 Credits)

Instructor Permission Required

PSY 3010 (0017)

Special Reading and Research

No meeting time listed

Matthew Nock

Course ID: 122605

2025 Fall (4 Credits)

Instructor Permission Required

PSY 3010 (0017)

Special Reading and Research

No meeting time listed

Matthew Nock

Course ID: 122605

2026 Spring (4 Credits)

Instructor Permission Required

PSY 3010 (0018)

Special Reading and Research

No meeting time listed

Elizabeth Phelps

Course ID: 122605

2025 Fall (4 Credits)

Instructor Permission Required

PSY 3010 (0018)

Special Reading and Research

No meeting time listed

Elizabeth Phelps

Course ID: 122605

2026 Spring (4 Credits)

Instructor Permission Required

PSY 3010 (0019)

Special Reading and Research

No meeting time listed

Steven Pinker

Course ID: 122605

2025 Fall (4 Credits)

Instructor Permission Required

PSY 3010 (0019)

Special Reading and Research

No meeting time listed

Steven Pinker

Course ID: 122605

2026 Spring (4 Credits)

Instructor Permission Required

PSY 3010 (002)

Special Reading and Research

No meeting time listed

Mahzarin Banaji

Course ID: 122605

2025 Fall (4 Credits)

Instructor Permission Required

PSY 3010 (002)
Special Reading and Research

No meeting time listed
Mahzarin Banaji

Course ID: 122605
2026 Spring (4 Credits)
Instructor Permission Required

PSY 3010 (0020)
Special Reading and Research

No meeting time listed
Daniel Schacter

Course ID: 122605
2025 Fall (4 Credits)
Instructor Permission Required

PSY 3010 (0020)
Special Reading and Research

No meeting time listed
Daniel Schacter

Course ID: 122605
2026 Spring (4 Credits)
Instructor Permission Required

PSY 3010 (0021)
Special Reading and Research

No meeting time listed
Jesse Snedeker

Course ID: 122605
2025 Fall (4 Credits)
Instructor Permission Required

PSY 3010 (0021)
Special Reading and Research

No meeting time listed
Jesse Snedeker

Course ID: 122605
2026 Spring (4 Credits)
Instructor Permission Required

PSY 3010 (0022)
Special Reading and Research

No meeting time listed
Leah Somerville

Course ID: 122605
2025 Fall (4 Credits)
Instructor Permission Required

PSY 3010 (0022)
Special Reading and Research

No meeting time listed
Leah Somerville

Course ID: 122605
2026 Spring (4 Credits)
Instructor Permission Required

PSY 3010 (0023)
Special Reading and Research

No meeting time listed
Elizabeth Spelke

Course ID: 122605
2025 Fall (4 Credits)
Instructor Permission Required

PSY 3010 (0023)
Special Reading and Research

No meeting time listed
Elizabeth Spelke

Course ID: 122605
2026 Spring (4 Credits)
Instructor Permission Required

PSY 3010 (0024)
Special Reading and Research

No meeting time listed
Ashley Thomas

Course ID: 122605
2025 Fall (4 Credits)
Instructor Permission Required

PSY 3010 (0024)	Course ID: 122605
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Ashley Thomas</i>	

PSY 3010 (0025)	Course ID: 122605
Special Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Tomer Ullman</i>	

PSY 3010 (0025)	Course ID: 122605
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Tomer Ullman</i>	

PSY 3010 (0026)	Course ID: 122605
Special Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>John Weisz</i>	

PSY 3010 (0026)	Course ID: 122605
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>John Weisz</i>	

PSY 3010 (003)	Course ID: 122605
Special Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Elika Bergelson</i>	

PSY 3010 (003)	Course ID: 122605
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Elika Bergelson</i>	

PSY 3010 (004)	Course ID: 122605
Special Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Randy Buckner</i>	

PSY 3010 (004)	Course ID: 122605
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Randy Buckner</i>	

PSY 3010 (005)	Course ID: 122605
Special Reading and Research	2025 Fall (4 Credits)

No meeting time listed
Alfonso Caramazza

Instructor Permission Required

PSY 3010 (005)
Special Reading and Research
No meeting time listed
Alfonso Caramazza

Course ID: 122605
2026 Spring (4 Credits)
Instructor Permission Required

PSY 3010 (006)
Special Reading and Research
No meeting time listed
Mina Cikara

Course ID: 122605
2025 Fall (4 Credits)
Instructor Permission Required

PSY 3010 (006)
Special Reading and Research
No meeting time listed
Mina Cikara

Course ID: 122605
2026 Spring (4 Credits)
Instructor Permission Required

PSY 3010 (007)
Special Reading and Research
No meeting time listed
Fiery Cushman

Course ID: 122605
2025 Fall (4 Credits)
Instructor Permission Required

PSY 3010 (007)
Special Reading and Research
No meeting time listed
Fiery Cushman

Course ID: 122605
2026 Spring (4 Credits)
Instructor Permission Required

PSY 3010 (008)
Special Reading and Research
No meeting time listed
Samuel Gershman

Course ID: 122605
2025 Fall (4 Credits)
Instructor Permission Required

PSY 3010 (008)
Special Reading and Research
No meeting time listed
Samuel Gershman

Course ID: 122605
2026 Spring (4 Credits)
Instructor Permission Required

PSY 3010 (009)
Special Reading and Research
No meeting time listed
Daniel Gilbert

Course ID: 122605
2025 Fall (4 Credits)
Instructor Permission Required

PSY 3010 (009)
Special Reading and Research
No meeting time listed
Daniel Gilbert

Course ID: 122605
2026 Spring (4 Credits)
Instructor Permission Required

PSY 3020
Direction of Doctoral Dissertations
No meeting time listed
George Alvarez

Course ID: 113960
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020
Direction of Doctoral Dissertations
No meeting time listed
George Alvarez

Course ID: 113960
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0010)
Direction of Doctoral Dissertations
No meeting time listed
Joshua Greene

Course ID: 113960
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0010)
Direction of Doctoral Dissertations
No meeting time listed
Joshua Greene

Course ID: 113960
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0011)
Direction of Doctoral Dissertations
No meeting time listed
Mark Hatzenbuehler

Course ID: 113960
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0011)
Direction of Doctoral Dissertations
No meeting time listed
Mark Hatzenbuehler

Course ID: 113960
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0012)

Direction of Doctoral Dissertations

No meeting time listed

Jill Hooley

Course ID: 113960

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0012)

Direction of Doctoral Dissertations

No meeting time listed

Jill Hooley

Course ID: 113960

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0013)

Direction of Doctoral Dissertations

No meeting time listed

Talia Konkle

Course ID: 113960

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0013)

Direction of Doctoral Dissertations

No meeting time listed

Talia Konkle

Course ID: 113960

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0014)

Direction of Doctoral Dissertations

No meeting time listed

Ellen Langer

Course ID: 113960

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0014)

Direction of Doctoral Dissertations

No meeting time listed

Ellen Langer

Course ID: 113960

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0015)

Direction of Doctoral Dissertations

No meeting time listed

Richard McNally

Course ID: 113960

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0015)

Direction of Doctoral Dissertations

No meeting time listed

Richard McNally

Course ID: 113960

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0016)

Direction of Doctoral Dissertations

No meeting time listed

Jason Mitchell

Course ID: 113960

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0016)

Direction of Doctoral Dissertations

No meeting time listed

Jason Mitchell

Course ID: 113960

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0017)

Direction of Doctoral Dissertations

No meeting time listed

Matthew Nock

Course ID: 113960

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0017)

Direction of Doctoral Dissertations

No meeting time listed

Matthew Nock

Course ID: 113960

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0018)

Direction of Doctoral Dissertations

No meeting time listed

Elizabeth Phelps

Course ID: 113960

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0018)

Direction of Doctoral Dissertations

No meeting time listed

Elizabeth Phelps

Course ID: 113960

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0019)

Direction of Doctoral Dissertations

No meeting time listed

Steven Pinker

Course ID: 113960

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0019)

Direction of Doctoral Dissertations

No meeting time listed

Steven Pinker

Course ID: 113960

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (002)

Direction of Doctoral Dissertations

No meeting time listed

Mahzarin Banaji

Course ID: 113960

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (002)

Direction of Doctoral Dissertations

No meeting time listed

Mahzarin Banaji

Course ID: 113960

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0020)

Direction of Doctoral Dissertations

No meeting time listed

Daniel Schacter

Course ID: 113960

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0020)

Direction of Doctoral Dissertations

No meeting time listed

Daniel Schacter

Course ID: 113960

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0021)

Direction of Doctoral Dissertations

No meeting time listed

Jesse Snedeker

Course ID: 113960

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0021)

Direction of Doctoral Dissertations

No meeting time listed

Jesse Snedeker

Course ID: 113960

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0022)

Direction of Doctoral Dissertations

No meeting time listed

Leah Somerville

Course ID: 113960

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0022)

Direction of Doctoral Dissertations

No meeting time listed

Leah Somerville

Course ID: 113960

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0023)

Direction of Doctoral Dissertations

No meeting time listed

Elizabeth Spelke

Course ID: 113960

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0023)

Direction of Doctoral Dissertations

No meeting time listed

Elizabeth Spelke

Course ID: 113960

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0024)

Direction of Doctoral Dissertations

No meeting time listed

Ashley Thomas

Course ID: 113960

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0024)

Direction of Doctoral Dissertations

No meeting time listed

Ashley Thomas

Course ID: 113960

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0025)

Direction of Doctoral Dissertations

No meeting time listed

Tomer Ullman

Course ID: 113960

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0025)

Direction of Doctoral Dissertations

No meeting time listed

Tomer Ullman

Course ID: 113960

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0026)

Direction of Doctoral Dissertations

No meeting time listed

John Weisz

Course ID: 113960

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (0026)

Direction of Doctoral Dissertations

No meeting time listed

John Weisz

Course ID: 113960

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (003)

Direction of Doctoral Dissertations

No meeting time listed

Elika Bergelson

Course ID: 113960

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (003)

Direction of Doctoral Dissertations

No meeting time listed

Elika Bergelson

Course ID: 113960

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (004)

Direction of Doctoral Dissertations

No meeting time listed

Randy Buckner

Course ID: 113960

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (004)

Direction of Doctoral Dissertations

No meeting time listed

Randy Buckner

Course ID: 113960

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (005)

Direction of Doctoral Dissertations

No meeting time listed

Alfonso Caramazza

Course ID: 113960

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (005)

Direction of Doctoral Dissertations

No meeting time listed

Alfonso Caramazza

Course ID: 113960

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (006)

Direction of Doctoral Dissertations

No meeting time listed

Mina Cikara

Course ID: 113960

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (006)

Direction of Doctoral Dissertations

No meeting time listed

Mina Cikara

Course ID: 113960

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (007)

Direction of Doctoral Dissertations

No meeting time listed

Fiery Cushman

Course ID: 113960

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (007)

Direction of Doctoral Dissertations

No meeting time listed

Fiery Cushman

Course ID: 113960

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (008)

Direction of Doctoral Dissertations

No meeting time listed

Samuel Gershman

Course ID: 113960

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (008)

Direction of Doctoral Dissertations

No meeting time listed

Samuel Gershman

Course ID: 113960

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (009)

Direction of Doctoral Dissertations

No meeting time listed

Daniel Gilbert

Course ID: 113960

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3020 (009)

Direction of Doctoral Dissertations

No meeting time listed

Daniel Gilbert

Course ID: 113960

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

PSY 3050

Clinical Practicum

No meeting time listed

Richard McNally, Jill Hooley, Matthew Nock

Course ID: 115467

2025 Fall (4 Credits)

Instructor Permission Required

PSY 3050

Clinical Practicum

No meeting time listed

Jill Hooley, Richard McNally, Matthew Nock

Course ID: 115467

2026 Spring (4 Credits)

Instructor Permission Required

PSY 3200

Research Seminar in Clinical Science

W 0430 PM - 0545 PM

Rebecca Shingleton, Mark Hatzenbuehler

Course ID: 118948

2025 Fall (4 Credits)

Instructor Permission Required

PSY 3200

Research Seminar in Clinical Science

Course ID: 118948

2026 Spring (4 Credits)

PSY 3220
Developmental Studies: Seminar
M 1200 PM - 0115 PM
Jesse Snedeker

Course ID: 115575
2025 Fall (4 Credits)

Instructor Permission Required

PSY 3220
Developmental Studies: Seminar
M 1200 PM - 0115 PM
Elika Bergelson

Course ID: 115575
2026 Spring (4 Credits)

Instructor Permission Required

PSY 3240
Research Seminar in Cognitive Development
No meeting time listed
Elizabeth Spelke

Course ID: 124241
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Open to graduate students working in the instructor's laboratory.

To express interest in enrollment, please email the lab manager, Georgios Dougalis, at georgios_dougalis@fas.harvard.edu.

FAS Divisional Distribution: None

PSY 3240
Research Seminar in Cognitive Development
No meeting time listed
Elizabeth Spelke

Course ID: 124241
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Open to graduate students working in the instructor's laboratory.

To express interest in enrollment, please email the lab manager, Georgios Dougalis, at georgios_dougalis@fas.harvard.edu.

FAS Divisional Distribution: None

PSY 3250
Psychological Testing
T 0945 AM - 1145 AM

Course ID: 118610
2026 Spring (4 Credits)

Instructor Permission Required

PSY 3270
Language Acquisition: Research Seminar
No meeting time listed
Jesse Snedeker

Course ID: 118052
2025 Fall (4 Credits)

Instructor Permission Required

Covers research methods for language acquisition and language comprehension throughout the life span. All students must be currently engaged in experimental research.

Course Note: Open to graduate students working in the instructor's laboratory. To express interest in enrollment, please email the instructor, Prof. Jesse Snedeker, at snedeker@wjh.harvard.edu.

FAS Divisional Distribution: None

PSY 3270	Course ID: 118052
Language Acquisition: Research Seminar	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Jesse Snedeker</i>	

Covers research methods for language acquisition and language comprehension throughout the life span. All students must be currently engaged in experimental research.

Course Note: Open to graduate students working in the instructor's laboratory. To express interest in enrollment, please email the instructor, Prof. Jesse Snedeker, at snedeker@wjh.harvard.edu.

FAS Divisional Distribution: None

PSY 3300	Course ID: 208308
Course Related Work	2025 Fall (4 Credits)

PSY 3300	Course ID: 208308
Course Related Work	2026 Spring (4 Credits)

PSY 3320	Course ID: 208309
Time - Research Related	2025 Fall (4 Credits)

PSY 3320	Course ID: 208309
Time - Research Related	2026 Spring (4 Credits)

PSY 3340	Course ID: 115582
Research Seminar in Cognition, Brain, and Behavior	2025 Fall (4 Credits)
R 1200 PM - 0115 PM	<i>Instructor Permission Required</i>
<i>Tomer Ullman</i>	

PSY 3340	Course ID: 115582
Research Seminar in Cognition, Brain, and Behavior	2026 Spring (4 Credits)
R 1200 PM - 0115 PM	<i>Instructor Permission Required</i>
<i>Tomer Ullman</i>	

PSY 3360	Course ID: 143094
Current Topics in Vision and Sensory Processes	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>George Alvarez, Talia Konkle</i>	

PSY 3360	Course ID: 143094
Current Topics in Vision and Sensory Processes	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>

PSY 3370
Teaching Related

Course ID: 208310
2025 Fall (4 Credits)

PSY 3370
Teaching Related

Course ID: 208310
2026 Spring (4 Credits)

PSY 3420
Research Workshop in Social Psychology
No meeting time listed
Mina Cikara

Course ID: 121696
2025 Fall (4 Credits)
Instructor Permission Required

PSY 3420
Research Workshop in Social Psychology
No meeting time listed
Fiery Cushman, Ashwini Ashok Kumar

Course ID: 121696
2026 Spring (4 Credits)
Instructor Permission Required

PSY 3515
Graduate Seminar in Social Psychology
No meeting time listed
Ashwini Ashok Kumar

Course ID: 207211
2026 Spring (4 Credits)
Instructor Permission Required

Graduate seminar in the field of Social Psychology. Topics include: attitudes and social influence; obedience to authority; stereotyping, prejudice, and intergroup relations; emotion; interpersonal attraction; morality and prosocial behavior; and errors of everyday human judgment.

Course Note: Open only to Harvard doctoral students in clinical psychology. Students will attend the lectures for PSY 15 Social Psychology and complete additional graduate-level assignments.

FAS Divisional Distribution: Social Sciences

PSY 3550
Teaching Psychology
W 1200 PM - 0115 PM
Jill Hooley, Katherine Powers

Course ID: 123926
2025 Fall (4 Credits)
Instructor Permission Required

PSY 3550
Teaching Psychology
W 1200 PM - 0115 PM
Jill Hooley, Katherine Powers

Course ID: 123926
2026 Spring (4 Credits)
Instructor Permission Required

PSY 3555
Instructional Styles in Psychology
No meeting time listed
Fiery Cushman

Course ID: 119532
2025 Fall (4 Credits)
Instructor Permission Required

Course Note: Normally required of and limited to department graduate students who are first-time teaching fellows.

PSY 3555

Instructional Styles in Psychology

No meeting time listed

Fiery Cushman

Course ID: 119532
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Normally required of and limited to department graduate students who are first-time teaching fellows.

FAS Divisional Distribution: Social Sciences

Public Policy

Public Policy

PPOL 3000

Doctoral Research

No meeting time listed

Course ID: 208348
2025 Fall (2 Credits)

Instructor Permission Required

PPOL 3000

Doctoral Research

No meeting time listed

Course ID: 208348
2026 Spring (2 Credits)

Instructor Permission Required

Quantum Science & Engineering

Quantum Sci and Engineering

QSE 200

Advanced Engineering Quantum Mechanics

MW 0300 PM - 0415 PM

Marko Loncar

Course ID: 220210
2025 Fall (4 Credits)

The focus of this course is on the basic principles involved in the control of quantum systems and assumes knowledge of undergraduate quantum mechanics. Schrödinger, Heisenberg and interaction representations. Eigenvalue and time dependent problems, wave packets, coherent states. Harmonic oscillators. Quantization of the EM field. Tunneling; periodic potentials; Bloch's theorem. Perturbation theory. WKB approximation. Transfer matrix methods. Variational methods. Rotation generators and angular momentum. Magnetic moment and spin; Stern Gerlach experiment. Spin states, Pauli matrices. Pauli equation. Dynamics of spins in a static and a transverse time dependent magnetic field; dynamics in a rotating frame; Rabi oscillations. Coherent dynamics of two-level atoms. Rotating-wave and dipole approximations. Mixed states and density matrix. T1 and T2 relaxation times. Bloch equations. Identical particles: Bosons and Fermions. Slater determinant. Entanglement; singlet and triplet states. Hydrogen molecule. Clebsch-Gordan coefficients. Exchange energy. Elements of quantum information (qubits, no-cloning theorem, teleportation, quantum circuits).

Course Note: This course is also offered as ENG-SCI 200 and Chem 200. Students may only take one of ENG-SCI 200, QSE 200, and Chem 200 for credit

FAS Divisional Distribution: Science & Engineering & Applied Science

QSE 210B

Introduction to Quantum Information Science II

Course ID: 220214
2026 Spring (4 Credits)

No meeting time listed

Mikhail Lukin

Introduction to quantum information science and quantum computation. Emphasis on fundamental concepts including qubits and quantum operations, the nature of entanglement and its manipulation, quantum error correction, and various implementation models. Topics include: basics of quantum information, different models of quantum computing, fundamental quantum algorithms, quantum error correction, and fault tolerance; as well as experimental implementations. Recent developments in the field will be discussed. Preparation: One semester of quantum mechanics [QSE200, PHY143a, or PHY251A], or MATH 21b (or equivalent) and permission of the instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

QSE 216

Quantum and Classical Electromagnetic Interaction with Matter

MW 0130 PM - 0245 PM

Course ID: 225867
2026 Spring (4 Credits)

The first half of the course will cover the interaction of quantized atoms with electromagnetic fields, introducing a number of basic concepts such as coherent Rabi transitions vs. rate-equation dynamics, stimulated & spontaneous transitions, and energy & phase relaxations. These will be then used to study a range of applications of atom-field interactions, such as nuclear magnetic resonance, molecular beam and paramagnetic masers, passive and active atomic clocks, dynamic nuclear polarization, pulse sequence techniques to coherently manipulate atomic quantum states, and laser oscillators with applications. We will also touch upon the interaction of quantized atoms with quantized fields, discussing the atom + photon (Jaynes-Cummings) Hamiltonian, dressed states, and cavity quantum electrodynamics. The second half will cover the classical interaction of electromagnetic fields with matter, with special attentions to collective electrodynamics in particular, magnetohydrodynamics and plasma physics with applications in astrophysics, space physics, and Bloch electrons in crystalline solids.

Undergraduate-level electromagnetism and quantum mechanics are recommended.

QSE 245

Quantum Chemistry: Theory and Practice

TR 1200 PM - 0115 PM

Joonho Lee

Course ID: 223985
2026 Spring (4 Credits)

Instructor Permission Required

This course will cover theoretical and computational approaches to electronic structure problems of molecules and materials. The foundation of Hartree-Fock, density functional theory, perturbation theory, configuration interaction, coupled cluster theory, quantum Monte Carlo, and matrix product states will be covered. Graduate-level quantum mechanics knowledge is assumed. The course will involve a computational project with Q-Chem. This course will cover theoretical and computational approaches to electronic structure problems of molecules and materials. The foundation of Hartree-Fock, density functional theory, perturbation theory, configuration interaction, coupled cluster theory, quantum Monte Carlo, and matrix product states will be covered. Graduate-level quantum mechanics knowledge is assumed. The course will involve a computational project with Q-Chem.

Course Note: This course is also offered as Chem 245. Students may only take one of QSE 245 and Chem 245 for credit.

FAS Divisional Distribution: Science & Engineering & Applied Science

QSE 276

Platforms for Quantum Science

TR 1200 PM - 0115 PM

Course ID: 225865
2026 Spring (4 Credits)

The course introduces various aspects of quantum science, including quantum computing, quantum simulation, quantum communication and quantum metrology. It will particularly focus on the presentation of different experimental platforms currently used in the field and include superconducting qubits, trapped ions, neutral atoms, defects in solids, photons, among others. The course will cover an introduction of the general goals and essential prerequisites for these platforms; it will elucidate their operational principles and highlight some of their most significant and recent achievements, as well as the main challenges in their development.

QSE 285B	Course ID: 223843
Modern Atomic and Optical Physics II	2025 Fall (4 Credits)
MW 1030 AM - 1145 AM	
<i>Mikhail Lukin</i>	
Introduction to quantum optics and modern atomic physics. The basic concepts and theoretical tools will be introduced. Topics will include coherence phenomena, non-classical states of light and matter, atom cooling and trapping and atom optics. The second of a two-term subject sequence that provides the foundations for contemporary research.	
<i>Course Note: Also offered as Physics 285B. Students may not take both for credit.</i>	
<i>A course in electromagnetic theory (Physics 232a or equivalent); one half-course in intermediate or advanced quantum mechanics.</i>	
FAS Divisional Distribution: Science & Engineering & Applied Science	

QSE 296	Course ID: 220212
Mesoscale and Low Dimensional Devices	2025 Fall (4 Credits)
TR 0130 PM - 0245 PM	
<i>Donhee Ham</i>	
Concepts of condensed matter physics are applied to the science and technology of beyond-CMOS devices, in particular, mesoscale, low-dimensional, and superconducting devices. Topics include: quantum dots/wires/wells and two-dimensional (2D) materials; optoelectronics with confined electrons; conductance quantization, Landauer-Buttiker formalism, and resonant tunneling; magneto oscillation; integer and fractional quantum Hall effects; Berry phase and topology in condensed matter physics; various Hall effects (anomalous, spin, valley, etc.); Weyl semimetal; topological insulator; spintronic devices and circuits; collective electron behaviors in low dimensions and applications; Cooper-pair boxes and superconducting quantum circuits. Preparation: Foundations of Quantum Mechanics (or equivalent), Physics 195 (undergraduate solid-state physics)	
FAS Divisional Distribution: Science & Engineering & Applied Science	

QSE 300R	Course ID: 223844
Research-Related Work	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Anurag Anshu</i>	

QSE 300R (002)	Course ID: 223844
Research-Related Work	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>Boaz Barak</i>	

QSE 300R (003)	Course ID: 223844
Research-Related Work	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>David Bell</i>	

QSE 300R (004)	Course ID: 223844
Research-Related Work	2025 Fall (4 Credits)
<i>No meeting time listed</i>	
<i>David Brooks</i>	

QSE 300R (005) Research-Related Work <i>No meeting time listed</i> <i>Flavio du Pin Calmon</i>	Course ID: 223844 2025 Fall (4 Credits)
QSE 300R (006) Research-Related Work <i>No meeting time listed</i> <i>Federico Capasso</i>	Course ID: 223844 2025 Fall (4 Credits)
QSE 300R (007) Research-Related Work <i>No meeting time listed</i> <i>Sitan Chen</i>	Course ID: 223844 2025 Fall (4 Credits)
QSE 300R (008) Research-Related Work <i>No meeting time listed</i> <i>Markus Greiner</i>	Course ID: 223844 2025 Fall (4 Credits)
QSE 300R (009) Research-Related Work <i>No meeting time listed</i> <i>Donhee Ham</i>	Course ID: 223844 2025 Fall (4 Credits)
QSE 300R (010) Research-Related Work <i>No meeting time listed</i> <i>Eric Heller</i>	Course ID: 223844 2025 Fall (4 Credits)
QSE 300R (011) Research-Related Work <i>No meeting time listed</i> <i>Jenny Hoffman</i>	Course ID: 223844 2025 Fall (4 Credits)
QSE 300R (012) Research-Related Work <i>No meeting time listed</i> <i>Arthur Jaffe</i>	Course ID: 223844 2025 Fall (4 Credits)
QSE 300R (013) Research-Related Work <i>No meeting time listed</i> <i>Daniel Jafferis</i>	Course ID: 223844 2025 Fall (4 Credits)
QSE 300R (014) Research-Related Work <i>No meeting time listed</i>	Course ID: 223844 2025 Fall (4 Credits)

QSE 300R (015)

Research-Related Work

No meeting time listed

Philip Kim

Course ID: 223844
2025 Fall (4 Credits)

QSE 300R (016)

Research-Related Work

No meeting time listed

Boris Kozinsky

Course ID: 223844
2025 Fall (4 Credits)

QSE 300R (017)

Research-Related Work

No meeting time listed

Joonho Lee

Course ID: 223844
2025 Fall (4 Credits)

QSE 300R (018)

Research-Related Work

No meeting time listed

Na Li

Course ID: 223844
2025 Fall (4 Credits)

QSE 300R (019)

Research-Related Work

No meeting time listed

Xin Li

Course ID: 223844
2025 Fall (4 Credits)

QSE 300R (020)

Research-Related Work

No meeting time listed

Marko Loncar

Course ID: 223844
2025 Fall (4 Credits)

QSE 300R (021)

Research-Related Work

No meeting time listed

Yue Lu

Course ID: 223844
2025 Fall (4 Credits)

QSE 300R (022)

Research-Related Work

No meeting time listed

Mikhail Lukin

Course ID: 223844
2025 Fall (4 Credits)

QSE 300R (023)

Research-Related Work

No meeting time listed

Jarad Mason

Course ID: 223844
2025 Fall (4 Credits)

QSE 300R (024) Research-Related Work <i>No meeting time listed</i> <i>Eric Mazur</i>	Course ID: 223844 2025 Fall (4 Credits)
QSE 300R (025) Research-Related Work <i>No meeting time listed</i> <i>Matteo Mitrano</i>	Course ID: 223844 2025 Fall (4 Credits)
QSE 300R (026) Research-Related Work <i>No meeting time listed</i> <i>Julia Mundy</i>	Course ID: 223844 2025 Fall (4 Credits)
QSE 300R (027) Research-Related Work <i>No meeting time listed</i> <i>Kang-Kuen Ni</i>	Course ID: 223844 2025 Fall (4 Credits)
QSE 300R (028) Research-Related Work <i>No meeting time listed</i> <i>Hongkun Park</i>	Course ID: 223844 2025 Fall (4 Credits)
QSE 300R (029) Research-Related Work <i>No meeting time listed</i> <i>Subir Sachdev</i>	Course ID: 223844 2025 Fall (4 Credits)
QSE 300R (030) Research-Related Work <i>No meeting time listed</i> <i>Matthew Schwartz</i>	Course ID: 223844 2025 Fall (4 Credits)
QSE 300R (031) Research-Related Work <i>No meeting time listed</i> <i>Andrew Strominger</i>	Course ID: 223844 2025 Fall (4 Credits)
QSE 300R (032) Research-Related Work <i>No meeting time listed</i> <i>Madhu Sudan</i>	Course ID: 223844 2025 Fall (4 Credits)
QSE 300R (033) Research-Related Work <i>No meeting time listed</i> <i>Leslie Valiant</i>	Course ID: 223844 2025 Fall (4 Credits)

QSE 300R (034) Research-Related Work <i>No meeting time listed</i> <i>Ashvin Vishwanath</i>	Course ID: 223844 2025 Fall (4 Credits)
QSE 300R (035) Research-Related Work <i>No meeting time listed</i> <i>Gu-Yeon Wei</i>	Course ID: 223844 2025 Fall (4 Credits)
QSE 300R (036) Research-Related Work <i>No meeting time listed</i> <i>Robert Westervelt</i>	Course ID: 223844 2025 Fall (4 Credits)
QSE 300R (037) Research-Related Work <i>No meeting time listed</i> <i>Amir Yacoby</i>	Course ID: 223844 2025 Fall (4 Credits)
QSE 300R (038) Research-Related Work <i>No meeting time listed</i> <i>Susanne Yelin</i>	Course ID: 223844 2025 Fall (4 Credits)
QSE 300R (039) Research-Related Work <i>No meeting time listed</i> <i>Todd Zickler</i>	Course ID: 223844 2025 Fall (4 Credits)
QSE 300R (040) Research-Related Work <i>No meeting time listed</i> <i>Norman Yao</i>	Course ID: 223844 2025 Fall (4 Credits)
QSE 300R (041) Research-Related Work <i>No meeting time listed</i> <i>Giulia Semeghini</i>	Course ID: 223844 2025 Fall (4 Credits)
QSE 300R (042) Research-Related Work <i>No meeting time listed</i> <i>Kiyoul Yang</i>	Course ID: 223844 2025 Fall (4 Credits)
QSE 300R (43) Research-Related Work	Course ID: 223844 2025 Fall (4 Credits)

No meeting time listed
Evelyn Hu

QSE 300R (44)
Research-Related Work
No meeting time listed
John Doyle

Course ID: 223844
2025 Fall (4 Credits)

QSE 300T
Teaching-Related Work

Course ID: 224413
2025 Fall (4 Credits)

QSE 301
A Practical and Effective Toolkit for Teaching and Research
TR 0430 PM - 0545 PM
Evelyn Hu, Nishant Sule

Course ID: 222018
2025 Fall (4 Credits)

Instructor Permission Required

This course is designed for first-year graduate students in the Quantum Science and Engineering (QSE) program. It aims to help students develop their toolkits for successfully navigating their academic life at Harvard and beyond. The course will discuss approaches, ideas, and most importantly practical skills focused on effective presentation and communication, both verbal and written, organizing thoughts, with sensitivities to colleagues, and audiences, all in the context of teaching and research. The course will meet twice a week, integrating concepts of pedagogy and communications through student contributions of oral and written communications for different contexts. The course will also emphasize and discuss creating and sustaining a diverse and inclusive environment in the classroom and lab. Guest speakers will be invited to share their perspectives on pedagogy, writing, lab and research skills, and other useful tips for graduate students.

FAS Divisional Distribution: None

Regional Studies - East Asia

Regional Studies - East Asia

RSEA 300
Thesis Research and Writing
No meeting time listed

Course ID: 114050
2025 Fall (4 Credits)

Instructor Permission Required

RSEA 300
Thesis Research and Writing
No meeting time listed
Michael Szonyi

Course ID: 114050
2026 Spring (4 Credits)

Instructor Permission Required

RSEA 300 (002)
Thesis Research and Writing
No meeting time listed
Karen Thornber

Course ID: 114050
2025 Fall (4 Credits)

Instructor Permission Required

RSEA 300 (002)
Thesis Research and Writing
No meeting time listed

Course ID: 114050
2026 Spring (4 Credits)

Instructor Permission Required

RSEA 300 (004)

Thesis Research and Writing

No meeting time listed

Ryuichi Abe

Course ID: 114050

2025 Fall (4 Credits)

Instructor Permission Required

RSEA 300 (004)

Thesis Research and Writing

No meeting time listed

Paul Chang

Course ID: 114050

2026 Spring (4 Credits)

Instructor Permission Required

RSEA 300 (005)

Thesis Research and Writing

No meeting time listed

Peter K. Bol

Course ID: 114050

2025 Fall (4 Credits)

Instructor Permission Required

RSEA 300 (005)

Thesis Research and Writing

No meeting time listed

Peter K. Bol

Course ID: 114050

2026 Spring (4 Credits)

Instructor Permission Required

RSEA 300 (006)

Thesis Research and Writing

No meeting time listed

Meg Rithmire

Course ID: 114050

2026 Spring (4 Credits)

Instructor Permission Required

RSEA 300 (007)

Thesis Research and Writing

No meeting time listed

Nara Dillon

Course ID: 114050

2025 Fall (4 Credits)

Instructor Permission Required

RSEA 300 (007)

Thesis Research and Writing

No meeting time listed

Nara Dillon

Course ID: 114050

2026 Spring (4 Credits)

Instructor Permission Required

RSEA 300 (008)

Thesis Research and Writing

No meeting time listed

Course ID: 114050

2025 Fall (4 Credits)

Instructor Permission Required

RSEA 300 (008)

Thesis Research and Writing

No meeting time listed

Carter Eckert

Course ID: 114050

2026 Spring (4 Credits)

Instructor Permission Required

RSEA 300 (009)
Thesis Research and Writing
No meeting time listed
Mark Elliott

Course ID: 114050
2025 Fall (4 Credits)
Instructor Permission Required

RSEA 300 (009)
Thesis Research and Writing
No meeting time listed
Mark Elliott

Course ID: 114050
2026 Spring (4 Credits)
Instructor Permission Required

RSEA 300 (010)
Thesis Research and Writing
No meeting time listed
Rowan Flad

Course ID: 114050
2025 Fall (4 Credits)
Instructor Permission Required

RSEA 300 (010)
Thesis Research and Writing
No meeting time listed
Rowan Flad

Course ID: 114050
2026 Spring (4 Credits)
Instructor Permission Required

RSEA 300 (011)
Thesis Research and Writing
No meeting time listed
Andrew Gordon

Course ID: 114050
2025 Fall (4 Credits)
Instructor Permission Required

RSEA 300 (011)
Thesis Research and Writing
No meeting time listed
Andrew Gordon

Course ID: 114050
2026 Spring (4 Credits)
Instructor Permission Required

RSEA 300 (012)
Thesis Research and Writing
No meeting time listed
Jocelyn Viterna

Course ID: 114050
2025 Fall (4 Credits)
Instructor Permission Required

RSEA 300 (012)
Thesis Research and Writing
No meeting time listed
Helen Hardacre

Course ID: 114050
2026 Spring (4 Credits)
Instructor Permission Required

RSEA 300 (013)
Thesis Research and Writing
No meeting time listed
Nicholas Harkness

Course ID: 114050
2025 Fall (4 Credits)
Instructor Permission Required

RSEA 300 (013)
Thesis Research and Writing
No meeting time listed
Nicholas Harkness

Course ID: 114050
2026 Spring (4 Credits)
Instructor Permission Required

RSEA 300 (014)	Course ID: 114050
Thesis Research and Writing	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Christina Davis</i>	
RSEA 300 (015)	Course ID: 114050
Thesis Research and Writing	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>David Howell</i>	
RSEA 300 (015)	Course ID: 114050
Thesis Research and Writing	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>David Howell</i>	
RSEA 300 (016)	Course ID: 114050
Thesis Research and Writing	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
RSEA 300 (016)	Course ID: 114050
Thesis Research and Writing	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Alastair Johnston</i>	
RSEA 300 (017)	Course ID: 114050
Thesis Research and Writing	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Sun Joo Kim</i>	
RSEA 300 (017)	Course ID: 114050
Thesis Research and Writing	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Sun Joo Kim</i>	
RSEA 300 (018)	Course ID: 114050
Thesis Research and Writing	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
RSEA 300 (018)	Course ID: 114050
Thesis Research and Writing	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>C.-T. James Huang</i>	
RSEA 300 (019)	Course ID: 114050
Thesis Research and Writing	2025 Fall (4 Credits)

No meeting time listed
William Kirby

Instructor Permission Required

RSEA 300 (019)

Thesis Research and Writing

No meeting time listed
William Kirby

Course ID: 114050
2026 Spring (4 Credits)

Instructor Permission Required

RSEA 300 (020)

Thesis Research and Writing

No meeting time listed
Shigehisa Kuriyama

Course ID: 114050
2025 Fall (4 Credits)

Instructor Permission Required

RSEA 300 (020)

Thesis Research and Writing

No meeting time listed
Shigehisa Kuriyama

Course ID: 114050
2026 Spring (4 Credits)

Instructor Permission Required

RSEA 300 (021)

Thesis Research and Writing

No meeting time listed
Jie Li

Course ID: 114050
2025 Fall (4 Credits)

Instructor Permission Required

RSEA 300 (021)

Thesis Research and Writing

No meeting time listed
Jie Li

Course ID: 114050
2026 Spring (4 Credits)

Instructor Permission Required

RSEA 300 (022)

Thesis Research and Writing

No meeting time listed
Wai-yee Li

Course ID: 114050
2025 Fall (4 Credits)

Instructor Permission Required

RSEA 300 (022)

Thesis Research and Writing

No meeting time listed
Wai-yee Li

Course ID: 114050
2026 Spring (4 Credits)

Instructor Permission Required

RSEA 300 (023)

Thesis Research and Writing

No meeting time listed
Yukio Lippit

Course ID: 114050
2025 Fall (4 Credits)

Instructor Permission Required

RSEA 300 (023)

Thesis Research and Writing

No meeting time listed
Yukio Lippit

Course ID: 114050
2026 Spring (4 Credits)

Instructor Permission Required

RSEA 300 (024)	Course ID: 114050
Thesis Research and Writing	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Melissa M. McCormick</i>	
RSEA 300 (024)	Course ID: 114050
Thesis Research and Writing	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Melissa M. McCormick</i>	
RSEA 300 (025)	Course ID: 114050
Thesis Research and Writing	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Ian J. Miller</i>	
RSEA 300 (025)	Course ID: 114050
Thesis Research and Writing	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Ian J. Miller</i>	
RSEA 300 (026)	Course ID: 114050
Thesis Research and Writing	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Ryuichi Abe</i>	
RSEA 300 (027)	Course ID: 114050
Thesis Research and Writing	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Si Nae Park</i>	
RSEA 300 (027)	Course ID: 114050
Thesis Research and Writing	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Si Nae Park</i>	
RSEA 300 (028)	Course ID: 114050
Thesis Research and Writing	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
RSEA 300 (028)	Course ID: 114050
Thesis Research and Writing	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Elizabeth Perry</i>	
RSEA 300 (030)	Course ID: 114050
Thesis Research and Writing	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>James Robson</i>	

RSEA 300 (030)	Course ID: 114050
Thesis Research and Writing	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>James Robson</i>	
RSEA 300 (031)	Course ID: 114050
Thesis Research and Writing	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Anthony Saich</i>	
RSEA 300 (031)	Course ID: 114050
Thesis Research and Writing	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Anthony Saich</i>	
RSEA 300 (032)	Course ID: 114050
Thesis Research and Writing	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Xiaofei Tian</i>	
RSEA 300 (032)	Course ID: 114050
Thesis Research and Writing	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Xiaofei Tian</i>	
RSEA 300 (033)	Course ID: 114050
Thesis Research and Writing	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>David Wang</i>	
RSEA 300 (033)	Course ID: 114050
Thesis Research and Writing	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>David Wang</i>	
RSEA 300 (034)	Course ID: 114050
Thesis Research and Writing	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Eugene Wang</i>	
RSEA 300 (034)	Course ID: 114050
Thesis Research and Writing	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Eugene Wang</i>	
RSEA 300 (035)	Course ID: 114050
Thesis Research and Writing	2025 Fall (4 Credits)

No meeting time listed
Tomiko Yoda

Instructor Permission Required

RSEA 300 (035)

Thesis Research and Writing

No meeting time listed
Tomiko Yoda

Course ID: 114050
2026 Spring (4 Credits)

Instructor Permission Required

RSEA 300 (036)

Thesis Research and Writing

No meeting time listed
Alexander Zahlten

Course ID: 114050
2025 Fall (4 Credits)

Instructor Permission Required

RSEA 300 (036)

Thesis Research and Writing

No meeting time listed
Alexander Zahlten

Course ID: 114050
2026 Spring (4 Credits)

Instructor Permission Required

RSEA 300 (037)

Thesis Research and Writing

No meeting time listed
Leonard van der Kuip

Course ID: 114050
2025 Fall (4 Credits)

Instructor Permission Required

RSEA 300 (037)

Thesis Research and Writing

No meeting time listed
Leonard van der Kuip

Course ID: 114050
2026 Spring (4 Credits)

Instructor Permission Required

RSEA 300 (038)

Thesis Research and Writing

No meeting time listed
Arunabh Ghosh

Course ID: 114050
2025 Fall (4 Credits)

Instructor Permission Required

RSEA 300 (038)

Thesis Research and Writing

No meeting time listed
Arunabh Ghosh

Course ID: 114050
2026 Spring (4 Credits)

Instructor Permission Required

RSEA 300 (039)

Thesis Research and Writing

No meeting time listed
Steven Levitsky

Course ID: 114050
2025 Fall (4 Credits)

Instructor Permission Required

RSEA 300 (040)

Thesis Research and Writing

No meeting time listed
Ya-Wen Lei

Course ID: 114050
2025 Fall (4 Credits)

Instructor Permission Required

RSEA 300 (041)	Course ID: 114050
Thesis Research and Writing	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Michael J. Puett</i>	
RSEA 300 (042)	Course ID: 114050
Thesis Research and Writing	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Yuhua Wang</i>	
RSEA 300 (044)	Course ID: 114050
Thesis Research and Writing	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Thomas Kelly</i>	
RSEA 300 (40)	Course ID: 114050
Thesis Research and Writing	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Mary Brinton</i>	
RSEA 300 (41)	Course ID: 114050
Thesis Research and Writing	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Yuhua Wang</i>	
RSEA 300 (42)	Course ID: 114050
Thesis Research and Writing	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>John Park</i>	
RSEA 300 (43)	Course ID: 114050
Thesis Research and Writing	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
RSEA 300 (43)	Course ID: 114050
Thesis Research and Writing	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Edward Cunningham</i>	
RSEA 300 (44)	Course ID: 114050
Thesis Research and Writing	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Edward Cunningham</i>	
RSEA 300 (44)	Course ID: 114050
Thesis Research and Writing	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Daniel Koss</i>	

RSEA 300 (45) Thesis Research and Writing <i>No meeting time listed</i>	Course ID: 114050 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RSEA 300 (47) Thesis Research and Writing <i>No meeting time listed</i> <i>William Alford</i>	Course ID: 114050 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RSEA 300 (48) Thesis Research and Writing <i>No meeting time listed</i> <i>Thomas Kelly</i>	Course ID: 114050 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RSEA 300 (49) Thesis Research and Writing <i>No meeting time listed</i> <i>Meg Rithmire</i>	Course ID: 114050 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RSEA 300 (50) Thesis Research and Writing <i>No meeting time listed</i> <i>Victor Seow</i>	Course ID: 114050 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RSEA 300 (51) Thesis Research and Writing <i>No meeting time listed</i> <i>Richard Freeman</i>	Course ID: 114050 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RSEA 300 (52) Thesis Research and Writing <i>No meeting time listed</i> <i>Chan Yong Bu</i>	Course ID: 114050 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RSEA 300 (66) Thesis Research and Writing <i>No meeting time listed</i> <i>Alexander Rehding</i>	Course ID: 114050 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RSEA 320 Reading and Research <i>No meeting time listed</i> <i>Alexander Zahlten</i>	Course ID: 146614 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RSEA 320 Reading and Research	Course ID: 146614 2026 Spring (4 Credits)

No meeting time listed
Alexander Zahlten

Instructor Permission Required

RSEA 320 (002)

Reading and Research

No meeting time listed
Si Nae Park

Course ID: 146614
2025 Fall (4 Credits)

Instructor Permission Required

RSEA 320 (002)

Reading and Research

No meeting time listed
Si Nae Park

Course ID: 146614
2026 Spring (4 Credits)

Instructor Permission Required

RSEA 350 (1)

Topics in Regional Studies East Asia: Proseminar

M 1245 PM - 0245 PM

Si Nae Park, Alexander Zahlten

Course ID: 208031
2025 Fall (4 Credits)

Instructor Permission Required

This proseminar will introduce students to the various fields of research in East Asian Studies. Every week will feature a different member of the faculty to discuss their work and its disciplinary and methodological frameworks. This course is limited to first-year RSEA students. Not available for cross-registration.

FAS Divisional Distribution: Arts and Humanities

RSEA 390

Research

No meeting time listed
Alexander Zahlten

Course ID: 208339
2025 Fall (4 Credits)

Instructor Permission Required

RSEA 390

Research

No meeting time listed
Jie Li

Course ID: 208339
2026 Spring (4 Credits)

Instructor Permission Required

RSEA 390 (002)

Research

No meeting time listed
Si Nae Park

Course ID: 208339
2025 Fall (4 Credits)

Instructor Permission Required

Religion, The Study of

Religion

RELIGION 16 (1)

Religious Dimensions in Human Experience

TR 1030 AM - 1145 AM

David L. Carrasco

Course ID: 116585
2025 Fall (4 Credits)

What is Religion? Why does it show up everywhere? Using archaeology, religious studies and social thought, this course will study the major themes in the history of religions including 'encountering the holy', 'sports and ritual', 'crossing borders', 'sacrifice as creation', 'pilgrimage and sacred place', 'suffering and quest for wisdom', 'music and social change', 'violence and cosmic law'. Readings from Native American, African American, Latinx/+, Jewish, Buddhist, Christian, Hindu traditions. Focus on the tension between individual encounters with

the holy and the social construction of religion. Readings from Gloria Anzaldua, Toni Morrison, Judith Sherman, Arthur Kleinman, Popul Vuj, Mircea Eliade, Michael D. Jackson. Jointly offered in Harvard Divinity School as HDS3160.

Course Note: Offered jointly with the Divinity School as 3160.

FAS Divisional Distribution: Arts and Humanities

RELIGION 26 (1)

Art, Idolatry, and Aesthetics in Jewish Thought

T 0300 PM - 0500 PM

Ido Ben Harush

This course explores the often conflicted role of images in Jewish thought. From the biblical ban on images to contemporary debates on Jewish art and identity, visual representations have often been viewed with suspicion. Why are some religious traditions so afraid of images, and how does the power of representation challenge or reinforce religious commitments? What is the difference between an image and an idol? And how have artists and thinkers turned prohibition into creativity? Is there such a thing as a Jewish aesthetic? Students will engage with a range of textual and visual sources, from Talmudic discussions and medieval philosophy to modern Jewish critical theory, literature, and artistic movements. Readings include works by Maimonides, Kant, Hermann Cohen, Freud, Joseph Soloveitchik, Cynthia Ozick, and Vilém Flusser, alongside artworks by Itzhak Danziger, Dani Karavan, and others. By the end of the course, students will become familiar with foundational concepts, key texts, and major philosophical approaches to the problem of the image in Jewish tradition.

Course instructor and meeting pattern will be updated in the summer.

Course ID: 226603

2025 Fall (4 Credits)

RELIGION 32

Introduction to Indigenous Pacific Religion

TR 1030 AM - 1145 AM

Therese Lautua

This course offers an introduction to the complex relationship between Christianity and Indigenous spiritualities in the Pacific, the 'Blue Continent' which covers one third of the Earth's surface. Texts in the course will focus on the significance of relationality through the connection between Moana (ocean), Fanua (land), Tagata (people), and Atua (God), and how colonization has impacted understandings of these key aspects of life in the islands and diaspora communities. Students will be invited to consider how solidarity with Indigenous Pacific peoples might affect their own contexts.

FAS Divisional Distribution: Arts and Humanities

Course ID: 224660

2025 Fall (4 Credits)

RELIGION 40 (1)

Incarnation and Desire: An Introduction to Christianity

TR 0130 PM - 0245 PM

Courtney Lamberth

This course offers an introduction to Christianity by considering major texts, figures and ideas from the first century to the present. Readings focus on several interrelated themes: changing conceptions of what it means to be human (body, soul, spirit, flesh); notions of free will, desire and sin in relation to divine grace; the meaning of Jesus Christ as "incarnate word," that is, the Word made flesh; and how people have understood what it means to live life following Jesus's teachings and ministry. Texts include canonical and non-canonical early Christian literatures, selected Patristic and medieval texts, Reformation theologies, as well as modern and contemporary authors. Students will develop a sense of the distinguishing features of Christian worldviews, while gaining an appreciation for the significant diversity across the tradition.

FAS Divisional Distribution: Arts and Humanities

Course ID: 107859

2025 Fall (4 Credits)

RELIGION 91R

Supervised Reading and Research

No meeting time listed

Courtney Lamberth

Course ID: 122928

2025 Fall (4 Credits)

Instructor Permission Required

Religion 91R is a course of supervised reading and research on a special topic in the Study of Religion. The course involves close reading and written work, both of which are evaluated by the faculty director with a letter grade and written comments. Students who wish to enroll in a 91R must receive the approval of the Director of Undergraduate Studies. 91R is ordinarily open only to concentrators. The instructor of the course must be a member of the Harvard faculty.

Course Note: May not be taken Pass/Fail. Normally open only to concentrators. Permission by Director of Undergraduate Studies required.

FAS Divisional Distribution: Arts and Humanities

RELIGION 91R

Supervised Reading and Research

Course ID: 122928
2026 Spring (4 Credits)

No meeting time listed

Courtney Lamberth

Religion 91R is a course of supervised reading and research on a special topic in the Study of Religion. The course involves close reading and written work, both of which are evaluated by the faculty director with a letter grade and written comments. Students who wish to enroll in a 91R must receive the approval of the Director of Undergraduate Studies. 91R is ordinarily open only to concentrators. The instructor of the course must be a member of the Harvard faculty.

Course Note: May not be taken Pass/Fail. Normally open only to concentrators. Permission by Director of Undergraduate Studies required.

FAS Divisional Distribution: Arts and Humanities

RELIGION 91R (003)

Supervised Reading and Research

Course ID: 122928
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Matthew Potts

Religion 91R is a course of supervised reading and research on a special topic in the Study of Religion. The course involves close reading and written work, both of which are evaluated by the faculty director with a letter grade and written comments. Students who wish to enroll in a 91R must receive the approval of the Director of Undergraduate Studies. 91R is ordinarily open only to concentrators. The instructor of the course must be a member of the Harvard faculty.

Course Note: May not be taken Pass/Fail. Normally open only to concentrators. Permission by Director of Undergraduate Studies required.

FAS Divisional Distribution: Arts and Humanities

RELIGION 97

Tutorial - Sophomore Year

Course ID: 117043
2026 Spring (4 Credits)

F 1200 PM - 0245 PM

Instructor Permission Required

Courtney Lamberth

The course introduces students to theories and methods in the academic study of religion, including significant themes and arguments that have defined the field over time. Students will examine some key works that helped to shape the discipline as it emerged in the nineteenth and twentieth centuries, and also consider recent work drawing on various disciplines that scholars have used in the study of religion, including philosophy, psychology, sociology, anthropology, and history. The course will take up questions such as these: What does it mean to call something "religious"? Is the category of "religion" a universal feature in human life, or more historically specific? What is at stake in defining this category in one way or another? How do claims about religion relate to claims about politics, economics, culture, and society? The course will also enable students to evaluate the choices that scholars make about what to privilege in their investigations. The course emphasizes critical reading and thinking skills, as well as thoughtful participation in discussion and the refinement of students' academic writing.

Course Note: Required of all concentrators, and recommended for Secondary Field students. Enrollment open to other students with instructors' permission.

FAS Divisional Distribution: Arts and Humanities

RELIGION 98R

Tutorial - Junior Year

No meeting time listed

Courtney Lamberth

Part of the sequence of small seminars focused on critical thinking and writing skills for concentrators, this course provides in-depth study of selected themes, texts, traditions or time periods.

Course Note: Required of concentrators.

FAS Divisional Distribution: Arts and Humanities

Course ID: 111985
2026 Spring (4 Credits)

RELIGION 98R

Tutorial - Junior Year

No meeting time listed

Courtney Lamberth

Part of the sequence of small seminars focused on critical thinking and writing skills for concentrators, this course provides in-depth study of selected themes, texts, traditions or time periods.

Course Note: Required of concentrators.

FAS Divisional Distribution: Arts and Humanities

Course ID: 111985
2025 Fall (4 Credits)

Instructor Permission Required

RELIGION 99A

Tutorial - Senior Year

No meeting time listed

Courtney Lamberth

A required component of the senior year tutorial is a biweekly seminar, led by the Assistant Director of Undergraduate Studies. Covers research methods and strategies in thesis writing. Students must complete both terms of this course (parts A and B).

Course Note: Required of concentrators writing a thesis.

Full Year Course: Divisible Course

FAS Divisional Distribution: Arts and Humanities

Course ID: 118745
2025 Fall (4 Credits)

Instructor Permission Required

RELIGION 99A

Tutorial - Senior Year

No meeting time listed

Courtney Lamberth

A required component of the senior year tutorial is a biweekly seminar, led by the Assistant Director of Undergraduate Studies. Covers research methods and strategies in thesis writing. Students must complete both terms of this course (parts A and B).

Course Note: Required of concentrators writing a thesis.

Full Year Course: Divisible Course

FAS Divisional Distribution: Arts and Humanities

Course ID: 118745
2026 Spring (4 Credits)

Instructor Permission Required

RELIGION 99B

Tutorial - Senior Year

No meeting time listed

Courtney Lamberth

A required component of the senior year tutorial is a biweekly seminar, led by the Assistant Director of Undergraduate Studies. Covers research methods and strategies in thesis writing. Students must complete both terms of this course (parts A and B).

Course ID: 159849
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Required of concentrators writing a thesis.

Pre-Requisite: Students must take RELIGION 99A prior to enrolling in this course.

Full Year Course: Divisible Course

FAS Divisional Distribution: Arts and Humanities

RELIGION 99B

Tutorial - Senior Year

No meeting time listed

Courtney Lamberth

Course ID: 159849
2026 Spring (4 Credits)

Instructor Permission Required

A required component of the senior year tutorial is a biweekly seminar, led by the Assistant Director of Undergraduate Studies. Covers research methods and strategies in thesis writing. Students must complete both terms of this course (parts A and B).

Course Note: Required of concentrators writing a thesis.

Pre-Requisite: Students must take RELIGION 99A prior to enrolling in this course.

FAS Divisional Distribution: Arts and Humanities

Full Year Course: Divisible Course

RELIGION 104 (1)

The Body in Indian Medicine and Myth

W 0300 PM - 0545 PM

Martha Selby

Course ID: 226458
2025 Fall (4 Credits)

Instructor Permission Required

What does it mean to inhabit a body in India? This is the primary question that we will attempt to answer during the course of the semester in this seminar. The readings and discussion over the course of the term will parallel the development of the human being from conception, infancy and childhood, adulthood and sexuality, and will end with aging and death. We will take an interdisciplinary approach, and will examine textual materials from an extensive range of sources and time periods. Sources will include selections in translation from medical literature from India's Āyurvedic traditions as well as readings from religious narratives that deal directly with issues of embodiment and provide powerful metaphors for it. We will also be drawing largely on sociological and anthropological studies of the different forms that embodiment takes, from metaphysical issues on what it means to be "alive" or "dead" and the human body's connection to land and landscape to careful explorations of the body's outer surfaces in terms of ritual, ascetic, and strictly sartorial concerns with adornment and fashion. We will also explore the fascinating interfaces between bodybuilding and nation building in India.

FAS Divisional Distribution: Arts and Humanities

RELIGION 105 (1)

Four Indian Epics

TR 0130 PM - 0245 PM

Martha Selby

Course ID: 226457
2025 Fall (4 Credits)

Instructor Permission Required

This course will provide an introduction to the four epics of classical India, and will also include a detailed exploration of the forms that different epic narratives can take. We will begin with a study of the Ramayana and Mahabharata in their Sanskrit forms, and we will then branch off into retellings of these two epics in versions that have appeared over the centuries in the regional languages of India. The second half of the semester will be dedicated to close readings of the Tamil twin epics, Cilappatikaram and Manimekhalai.

FAS Divisional Distribution: Arts and Humanities

RELIGION 1014A (1)

Realms of Power: Animals in Religion I

R 0300 PM - 0500 PM

Course ID: 120991
2025 Fall (4 Credits)

Instructor Permission Required

Kimberley Patton

Long Description: This comparative course will focus on the symbolic, ritual, and ideological dimensions of animal lives in religious worlds. Using particular cultural histories as paradigms, we will consider themes such as cosmogony, apocalypse, species hierarchy and reversal, metamorphosis, prophecy, consciousness and subjectivity, mimesis, magic, hunting, sacrifice, commodification, and the role of fantastic creatures. Central to our work will be the question of how animals have been theorized both in the history of religion and in contemporary discourse about animals in religion. Conference course: Limited to 30. Please write to Prof. Patton to request an application: kpatton@hds.harvard.edu

FAS Divisional Distribution: Arts and Humanities

RELIGION 1052 (1)

Apocalyptic Grief

R 1200 PM - 0245 PM

Matthew Potts

Human caused climate change has already irreparably altered the earth's natural environment, and in the coming years these changes are certain to accelerate into routine and unrelenting catastrophe. In noting that religion often attends to the dying through practices of mourning and grief, this course will seek to consider how categories of apocalypse, pastoral care, lament, ritual, and the creative arts might be crucial to our common future. Readings and film screenings will focus upon depictions of apocalypse and dystopia in recent art, as well ethical and theoretical considerations of the end of the world in critical and theological writings.

FAS Divisional Distribution: Arts and Humanities

RELIGION 1089 (1)

African American Religious History

T 1200 PM - 0200 PM

Ahmad Greene-Hayes

This seminar course provides a critical survey of and introduction to major themes, debates, and trajectories in the field of "African American Religions" with attention to Christian denominational histories and extra-church, non-Christian, and quasi-Christian religious formations and interventions among people of African descent in the United States. To do so, students will be introduced to key historical events, prominent and unsung religious actors and institutions, and a diversity of theoretical and methodological approaches to investigating, analyzing, and narrating the archives of African American religious life and culture.

FAS Divisional Distribution: Arts and Humanities

RELIGION 1092 (1)

Religion, Theory, and the Archive

T 0300 PM - 0500 PM

Ahmad Greene-Hayes

Black and indigenous scholars have long argued that archives are often violent and dismembering, especially as the universities which house them preserve the physical and immaterial remnants of slavery and colonialism. Religious studies scholars, especially historians of religion, have attended to this quandary while sifting through archives of slavery, colonialism, conquest, and sexual violence. At Harvard, this conversation has re-emerged in unique ways through Harvard & the Legacy of Slavery: Reckoning with the Past to Understand the Present, and the question of what lies in university archives has taken center stage. This course examines these archival dilemmas and the violent hauntings of the past with an eye towards the historical study of religion in the Americas. We will read work by such scholars as Saidiya Hartman, Christina Sharpe, Robert Orsi, Solimar Otero, Toni Morrison, and more.

FAS Divisional Distribution: Arts and Humanities

RELIGION 1220A (1)

Introduction to the Hebrew Bible/Old Testament 1: Pentateuch and Former

Prophets

TR 1030 AM - 1145 AM

Andrew Teeter

Course ID: 226444

2025 Fall (4 Credits)

Instructor Permission Required

A critical introduction to the literature and theology of the Hebrew Bible, considered in light of the historical contexts of its formation and the interpretive contexts of its reception within Judaism and Christianity. The course, the first part of a divisible, year-long sequence, will focus on the major biblical narrative traditions, the Pentateuch and Former Prophets.

FAS Divisional Distribution: Arts and Humanities

RELIGION 1232 (1)

Ancient Jewish Wisdom Literature

TR 1030 AM - 1145 AM

Jon Levenson

Course ID: 122312

2025 Fall (4 Credits)

Instructor Permission Required

A close critical reading and interpretation of works thought to derive from the Wisdom tradition of ancient Israel, principally in the Second Temple period. The workings of the world and the ways of God as they appear in works such as Proverbs, Job, Qohelet, Ben Sira, some Psalms, the Wisdom of Solomon, Fourth Maccabees, Pseudo-Phocylides, and the Syriac Menander as well as narratives such as the Joseph story, Esther, and Daniel. Concludes with the early rabbinic Pirqé Avot. Egyptian and Mesopotamian antecedents and parallels briefly considered. Emphasis on matters of worldview and literary form. Jointly offered with the Divinity School as HDS 1416.

FAS Divisional Distribution: Arts and Humanities

RELIGION 1262 (1)

The Jewish Library: Four Jewish Classics

M 1200 PM - 0245 PM

David Stern

Course ID: 226456

2025 Fall (4 Credits)

Instructor Permission Required

Judaism is a famously text-centric religious culture, founded not only on a single book, the Hebrew Bible, but profoundly involved in the study and ritual use of other classic texts like the Babylonian Talmud, the Prayerbook, Biblical commentaries like that of Rashi, and the Passover Haggadah. This course will study the development of these four books and their transformation from texts into books with distinct physical and material features. In the case of each book, the text will be studied historically— "excavated" for its sources and roots, and its subsequent development over the centuries—and holistically, as a canonical document in Jewish tradition. Class time will be devoted primarily to learning to read the primary sources in translation; supplementary secondary readings will provide historical and cultural context. The seminar will also include regular visits to Houghton Library to look at manuscripts, early printed editions, and facsimiles of these books in order to study the changing shapes these books have taken as a key to understanding how they were studied and used, and to consider the relationship of materiality to textuality. While each book will raise its own set of issues, we will repeatedly deal with three basic questions: What makes a "Jewish" text? How do these books represent different aspects of Jewish identity? What can these books tell us about the canonical books of other religious traditions? No previous background in either Judaism or Jewish history is required. All readings in English translation. While this course is not a formal introduction to Judaism, it does aim to introduce students to Judaism and Jewish culture from inside its classic texts.

FAS Divisional Distribution: Arts and Humanities

RELIGION 1305 (1)

Emerging Topics in Ancient Greek Religion: Seminar

W 0300 PM - 0500 PM

Kimberley Patton

Course ID: 116532

2025 Fall (4 Credits)

Instructor Permission Required

Recent research has highlighted dimensions in the religious history of Greece too long at the margins: among others, magic and necromancy; curse tablets and binding spells; childbirth and motherhood; healing sanctuaries and dream incubation; talismans and apotropaic practices; miasma and catharsis; weaving, dance, lamentation, and other forms of women's cultural production; heroines and their cults; the use and politics of color and

polychromy in statues, shrines, and temples; the optics of theater; animate cult images and "talking objects"; archaeology and the senses; and animal metamorphosis. The seminar will offer an intensive survey of important work on these "new" topics in Ancient Greece. Students will have an opportunity to develop their own research projects. Please write to Prof. Patton to request an application: kpatton@hds.harvard.edu

FAS Divisional Distribution: Arts and Humanities

RELIGION 1319 (1)

Daemons in Ancient Greece

T 0300 PM - 0500 PM

Charles Stang

Course ID: 226466

2025 Fall (4 Credits)

Instructor Permission Required

In ancient Greece, a daimôn or "daemon" was understood sometimes as a god, sometimes as an intermediary divine being, perhaps allotted to a specific individual (most famously, Socrates), and sometimes (due to the increasing influence of Judaism and Christianity) as an evil spirit or "demon." This course will survey the history of the daemon from the archaic period (e.g. Homer), through the classical and Hellenistic periods, to late antiquity, with a focus on Platonism's evolving interpretation of Socrates' own daemon and, more broadly, the relevance of daemons for the pursuit of philosophy. We use "daemon" to distinguish this wide tradition from the early Christian "demonization" of these intermediary beings. All readings will be done in translation, with opportunities for those who have Greek to read the sources in the original language. There are no prerequisites, although some knowledge of the ancient Mediterranean world is recommended.

FAS Divisional Distribution: Arts and Humanities

RELIGION 1331 (1)

Introduction to Literary Papyrology

R 0300 PM - 0529 PM

Giovanni Bazzana

Course ID: 226470

2025 Fall (4 Credits)

Instructor Permission Required

The course will offer an introduction to the methods and object of papyrology with a specific focus on literary and para-literary papyri. Students will examine case studies of especially representative pieces and the final project will consist in the detailed analysis of a papyrus selected and studied throughout the semester. Two semesters of Greek or equivalent are required.

FAS Divisional Distribution: Arts and Humanities

RELIGION 1332 (1)

The Book of Revelation: Text, History, and Reception

W 0300 PM - 0500 PM

Giovanni Bazzana

Course ID: 226471

2025 Fall (4 Credits)

Instructor Permission Required

The course will deal with the Apocalypse of John, read in translation, paying special attention to its interpretive issues in its historical original context and to its enormous reception at the root of ancient Christian apocalypticism all the way to contemporary popular culture

FAS Divisional Distribution: Arts and Humanities

RELIGION 1400 (1)

Introduction to the New Testament

T 1200 PM - 0200 PM

Benjamin Dunning

Course ID: 111138

2025 Fall (4 Credits)

This course will provide a basic historical introduction to critical issues in the study of the New Testament. What are the contents of these texts that make up the second portion of the Christian Bible? In what ways do they reflect the major issues, concerns, and struggles that were taking place among the earliest Christ-followers? How did they get to be grouped together in a single book called the "New Testament"? In addition to these historical questions, we will also attend to the New Testament's ongoing role as Christian scripture to consider the following: what does it mean to study a religious text critically? How might the study of the New Testament's

social and historical context relate to its ongoing role as sacred and/or authoritative in the Christian tradition? And what are some of the diverse ways that contemporary readers bridge the gap between the New Testament's ancient Greco-Roman context and their own interpretation and application? We will explore these questions through careful study of the New Testament texts themselves, while also attending to issues of historical context, methodology, and hermeneutics. No previous study in religion or ancient history is assumed, and there are no prerequisites for enrolling in the course. For a final assignment, students will have the option of choosing between a final exam and a research paper.

FAS Divisional Distribution: Arts and Humanities

RELIGION 1410 (1)

Course ID: 123203

Sex, Gender, and Sexuality in the New Testament and Early Christianity

2025 Fall (4 Credits)

T 0300 PM - 0500 PM

Instructor Permission Required

Benjamin Dunning

This course will explore the place of the New Testament and early Christianity in the history of gender and sexuality. Through a close examination of relevant primary literature, we will seek to understand how the early Christian tradition was shaped by the sex and gender protocols of the ancient Mediterranean world; how it, in turn, reshaped that world; and how the texts and practices in question have played a foundational role in the history of Western thought, and continue to impact cultural and religious debates today. We will also work to become familiar with the increasingly developed (and complex) scholarly conversation surrounding these issues. This is a limited enrollment course. Please email the instructor (bdunning@hds.harvard.edu) with a short introduction including relevant background and reasons for wanting to enroll in the course. Students will be notified of acceptance before the enrollment deadline.

Course Note: Offered jointly with the Divinity school as 1505.

FAS Divisional Distribution: Arts and Humanities

RELIGION 1445 (1)

Course ID: 226468

What's Love Got to Do With It: Love Poetry of the Middle Ages and Early Modernity

2025 Fall (4 Credits)

W 0900 AM - 1145 AM

Instructor Permission Required

Luis Giron Negron

Does love have a history? This course will explore a particularly rich, multiseular episode in the literary history of this emotion: the efflorescence and varieties of love poetry, both lyrical and narrative, in Europe and the Middle East from the Middle Ages through the 16th century. Weekly discussions will center on close readings of selected love poems and versified narratives from a variety of literary traditions, including: Provençal troubadour lyric; French chansons, the Germanic Minnesang and the Galician-Portuguese cantigas (the question of amour courtois); Ibero-Romance and colloquial Arabic jarchas; the Italian dolce stil novo; the Petrarchan sonnet and its early modern heirs in Portugal, England and Spain; Arabo-Andalusian and Hispano-Jewish qaṣā'id and muwashshahāt, medieval Latin love lyric; Persian Sufi and Christian mystical love poetry; Dante's Vita nuova; and selections from two other erotological classics in narrative verse, Libro de buen amor and Roman de la Rose. Discussions will be framed by an overview of both premodern discussions on love – how love is conceptualized at the intersection of philosophy, theology and medicine by Jewish, Christian and Muslim thinkers– and contemporary scholarly debates on the origins and development of medieval love literature. Jointly offered in the Faculty of Arts and Sciences as Comparative Literature 193.

FAS Divisional Distribution: Arts and Humanities

RELIGION 1448 (1)

Course ID: 156030

Mystical Theology

2025 Fall (4 Credits)

W 0100 PM - 0300 PM

Amy Hollywood

This course will examine the history of mystical theology in early and medieval traditions of Christianity. Through a close reading of primary texts in translation students will engage questions of divine mystery, transcendence, and hiddenness; the practice of affirmation (kataphasis) and negation (apophasis); mystical union; and the limits of language. Jointly offered in the Divinity School as HDS 2003.

RELIGION 1480 (1)

Religion and Liberation Around Toni Morrison and Gabriel García Márquez

T 0100 PM - 0300 PM

David L. Carrasco

Course ID: 226455

2025 Fall (4 Credits)

Instructor Permission Required

In 1995 Toni Morrison and Gabriel García Márquez met for the first time in Mexico City and spoke about their writings, editors, lives and literary influences. The Colombian writer showed his deep knowledge of Morrison's novels and Morrison thanked him as a resource for religious themes in her writings. Later, in an interview with Professor Carrasco, Morrison stated, "When I read his book *One Hundred Years of Solitude*, I literally said, "Oh, my God, you can do this"—meaning magic, strange stuff—and be deadly serious. So, that freed me up in my writing. Reading him unlocked something important for me. "This course is a comparative and critical study of the religious dimensions in their writings and lives with special attention to the themes of religious experience, homeland and quests, Africa and Latin America, "rememory" and myths, goodness and the literary imagination. We engage with four types of "texts" and link them together to decipher the ties between the writer's lives, countries, politics, liberation movements and their writings; autobiographical fragments, novels, film, critical reflections. For Morrison we will use the film "Toni Morrison: The Pieces I Am" and interviews as autobiographical fragments. For García Márquez we will read his autobiography, *Living to Tell the Tale* and interviews. Novels include *Song of Solomon*, *Beloved*, *Home*, *A Mercy*, *One Hundred Years of Solitude*, *Chronicle of a Death Foretold*. This course will not be open to auditors. Students have the opportunity to write a research paper, take a final written exam or do a creative project.

Students should write a 100 word statement as to why they want to take the course and what goals they bring to it.

FAS Divisional Distribution: Arts and Humanities

RELIGION 1482 (1)

Revolution: Theological and Political Perspectives

T 0300 PM - 0545 PM

Raúl Zegarra

Course ID: 226463

2025 Fall (4 Credits)

In this class we will examine the concept of revolution and its deployment in academic discourse, together with historical examples of political revolutionary movements, in order to ascertain the meaning of revolution in the past and today. The main focus of the class will be on the different approaches to revolutionary thought and action in the intersection of theology and political theory. Some of the questions we will address are: What constitutes a revolution? Are revolutions desirable? What is the cost of revolutionary change? Is revolutionary change necessarily violent? Do revolutions produce the change to which they aspire? This seminar offers students an opportunity to write a research paper. No prerequisites.

FAS Divisional Distribution: Arts and Humanities

RELIGION 1483 (1)

Makers of the (Catholic) Tradition: Vatican II: History and Theology

R 0300 PM - 0545 PM

Raúl Zegarra

Course ID: 226464

2025 Fall (4 Credits)

Instructor Permission Required

"Makers of the (Catholic) Tradition" is a series devoted to the study of key themes and authors that have shaped Roman Catholic Theological Studies. Each iteration of this course introduces students to different themes and authors through a combination of lectures and class discussion whose goal is gaining in-depth knowledge of the Catholic tradition, while engaging authors and sources beyond Catholicism. In this iteration of the course, we will focus on Vatican II (1962-1965), one of the most influential gatherings of bishops in the history of the Catholic Church. We will start by studying the ecclesial and social context that preceded Vatican II, paying special attention to the immediately prior and radically different gathering of bishops in Vatican I. Then we will turn to the specifics of Vatican II by reading both about the council and the central documents produced by the council. Lastly, we will focus on the key theologians that shaped Vatican II or whose projects develop inspired by the council, trying to identify their ideas in the documents of Vatican II and in its aftermath. This seminar offers students an opportunity to write a research paper. No prerequisites.

FAS Divisional Distribution: Arts and Humanities

RELIGION 1513

Mashpee and Harvard: Braided Histories

F 1000 AM - 0100 PM

Ann Braude

Course ID: 226439

2025 Fall (4 Credits)

Instructor Permission Required

Goals of self-governance and perseverance of the Mashpee Wampanoag Tribe's (MWT's) autonomy have intertwined with Harvard's founding educational and religious mission for 400 years. Collaboratively conceived with members of the MWT Historic Preservation Commission, this course explores indigenous, English, and American responses to the university's mandate to educate "English and Indian youth," in "knowledge and godliness." Reversing the longstanding practice of Wampanoag educators traveling to Harvard to help students understand the region in which they live and study, students will travel to Mashpee to engage the tribe and its institution. They will contribute to understanding of the braided histories of tribe and university through research on topics identified by the MWT Historic Preservation Commission, including indigenous sovereignty, land stewardship, and MWT access to education and control of Christian Institutions. The course includes day-long trips to Mashpee. Students should be prepared to be gone from Cambridge 9-5 on a few Fridays. Transportation will be provided. Enrollment limited to 25.

RELIGION 1557 (1)

Unitarian and Universalist History in the United States

T 0300 PM - 0545 PM

Dan McKanan

Course ID: 126761

2025 Fall (4 Credits)

This survey course will trace the history of both Unitarianism and Universalism from their eighteenth-century origins to the present. Focusing especially on the experiences of local congregations, we will explore the diverse starting points of liberal religion in the United States; the challenges of Transcendentalism, spiritualism, and humanism; the interplay between liberal religion and social reform; and the experience of consolidation in the twentieth century.

FAS Divisional Distribution: Arts and Humanities

RELIGION 1558 (1)

Religion and Conservation

MW 0900 AM - 1015 AM

Dan McKanan

Course ID: 226465

2025 Fall (4 Credits)

Instructor Permission Required

This course will explore the ways religious individuals and communities engage in the care and protection of "wilderness," wildness, and biodiversity. Our approach will be multireligious and multidisciplinary, incorporating textual, historical, ethnographic, ethical, and theological approaches to the theme. We will pay special attention to the history and practice of conservation close to Cambridge, while also considering the ways global religious traditions can challenge Western assumptions about the relationship between humans and nature.

FAS Divisional Distribution: Arts and Humanities

RELIGION 1580 (1)

Africana Religions in the Diaspora

T 0900 AM - 1100 AM

Tracey Hucks

Course ID: 226462

2025 Fall (4 Credits)

Instructor Permission Required

This course focuses on the history and phenomenology of African peoples' religious experiences in the Americas. The historical and social processes that led to the emergence of African diasporic religions in Latin America and the Caribbean will form the core of our reading. This will include Afroatlantic traditions in USA, Brazil, Cuba, Haiti, Jamaica and Trinidad. It will focus on the survival of West and Central African religions, especially Yoruba, Fon and Kongo Religions in the new world and show why African religions attract a large following in the contemporary society. Topics include West and Central Africa religious heritage; Santería: the religion of the Orishas in Cuba and the United States; Candomblé: Afro-Brazilian religion and Haitian Vodou; Rastafarians in Jamaica and Shango in Trinidad. By closely reading historical, ethnographic, and textual sources, the course will illuminate the lived religious traditions of Africans in the Americas

FAS Divisional Distribution: Arts and Humanities

RELIGION 1581 (1)

The Book of Baldwin

T 0300 PM - 0500 PM

Tracey Hucks

Course ID: 226461

2025 Fall (4 Credits)

Instructor Permission Required

This is a seminar in Africana intellectual history engaging in close readings of the written corpus of James Baldwin. It is designed to address larger conceptual issues of religion, race, identity, gender, sexuality through the intensive study of a major thinker in North America. A working knowledge of African American social history is recommended but not required. This is a limited enrollment course. Interested students should attend the first course meeting. If the course is overenrolled, a selection procedure will be described at that first meeting. Selected students will then be invited to enroll in the course.

FAS Divisional Distribution: Arts and Humanities

RELIGION 1608 (1)

Spirituality and Technology

T 1200 PM - 0200 PM

Swayam Bagaria

Course ID: 226454

2025 Fall (4 Credits)

Instructor Permission Required

This course will provide students with an introduction to the frontier world of engineered spirituality. In this world, advances in technology are used for new forms of spiritual exploration, extending the range of cognitive enhancement, consciousness hacking, and achieving altered and mystical states of awareness that are otherwise hard to access by ordinary means. Populated by a range and variety of digital prostheses that extends the mind-body-machine couplings in directions that are surprising and novel - wearables that track brain activity to assist in achieving advanced meditative states, using neurofeedback mechanisms to sync the emotional states of different people, curated psychedelic tourism that adjusts the design of the environment to induce a mystical experience, AI digital twins that track your biomarkers, stress levels and google calendars to help one create a sense of peak performance via a sense of primal detachment - this world of spirit tech does the most to reveal the future shapes of spirituality, and perhaps even religion. With the massive rise of people who identify as nones and 'spiritual but not religious' as well as the overwhelming malaise amongst younger people, engineered spirituality might become widespread sooner than we realize. This course will provide students with front-row seating to this nascent new world through a combination of a conceptual reading of some primary analytical and philosophical texts to understand this world of spirit tech as well as a series of case studies from the biotech, longevity, and wellbeing industry that aim to concretely realize some of these ideas.

FAS Divisional Distribution: Arts and Humanities

RELIGION 1626 (1)

Psychology of Yoga

MW 1030 AM - 1145 AM

Swayam Bagaria

Course ID: 226453

2025 Fall (4 Credits)

Instructor Permission Required

This course introduces students to the philosophical and psychological study of yoga. While primarily considered in the West as a somatic practice, yoga has historically and even contemporarily been an umbrella term for a host of cognitive, conative, and affective skills and orientations that one can train oneself in towards practical and non-practical ends. This course brings together selected readings from the philosophical and historical corpus of yoga with scholarship in cognitive sciences, psychology, neuroscience, and psychiatry to invite students to think about yoga as a practice of living rather than a cluster of somatic techniques.

FAS Divisional Distribution: Arts and Humanities

RELIGION 1714 (1)

Buddhism, In Theory and Practice

TR 0130 PM - 0245 PM

Janet Gyatso

Course ID: 213596

2025 Fall (4 Credits)

This class provides the resources for students to understand and appreciate major themes and issues in the history of Buddhist thought, practice, and historical communities, and their accompanying visions of human flourishing. We will read classic Buddhist writings as well as later literary works from South, Central and East

Asia on the nature of meditation, discipline, and creativity. Key themes are the relationship between self and other, the education of the emotions, and the (im)possibility of perfection. We will study how these themes shifted as Buddhism spread through Asia, and recently to the rest of the world, as received by 19th century Transcendentalists, Beat poets, and socially engaged Buddhism. Throughout we will consider the relevance of this material to our own views of the world and how we should lead our lives

Course Note: .

FAS Divisional Distribution: Arts and Humanities

RELIGION 1801 (1)

Course ID: 226496

The House of Allāh: Origin and History of the Meccan Sanctuary

2025 Fall (4 Credits)

R 0400 PM - 0600 PM

Instructor Permission Required

Mohsen Goudarzi

The Meccan Sanctuary, also known as the Ka'ba, is a focal point of worship for Muslims, who pray towards it daily and strive to make a pilgrimage to it at least once in their lifetime. This course is an advanced graduate seminar centered on a host of primary sources (in Arabic) which provide information about Mecca and its shrine in the pre-Islamic and early Islamic periods. We will read sources in the genres of historiography, geography, exegesis, law, hadith, and poetry. We will also engage with secondary academic literature on Mecca, the Ka'ba, and West Arabia's other sacred spaces and festivals. Requirement: advanced knowledge of classical Arabic (3 years).

Requirement: advanced knowledge of classical Arabic (3 years).

FAS Divisional Distribution: Arts and Humanities

RELIGION 1803 (1)

Course ID: 124063

Exploring the Quran

2025 Fall (4 Credits)

T 0300 PM - 0600 PM

Mohsen Goudarzi

This course explores the contents of the Quran and probes its place in the history of human civilization. Students will learn about and critically reflect on the following subjects: 1) the Quran's core ideas, stories, laws, parables, and arguments; 2) the historical context in which the Quran was first promulgated and codified; 3) the relationship between the Quran and the preceding literary traditions of the ancient world, in particular the Bible and post-biblical Jewish and Christian writings; and 4) Muslim utilization of the Quran towards religious, intellectual, social, and cultural ends. To meet these goals, we will read a substantial portion of the Quran in translation and draw extensively on modern academic scholarship on the Quran. In addition, lectures will contextualize and complement our encounter with the Quranic text and secondary scholarship. By the end of the semester, students should have the ability to utilize various resources and concordances in order to independently conduct further investigations and critically evaluate claims made about the Quran. Jointly offered in the Harvard Divinity School as HDS 3339.

FAS Divisional Distribution: Arts and Humanities

RELIGION 2001 (1)

Course ID: 118557

The History of the Study of Religion

2025 Fall (4 Credits)

M 0300 PM - 0500 PM

Instructor Permission Required

Amy Hollywood

An examination of the study of religion from early modernity to the present, with attention to key thinkers, methods, and theories. Required common doctoral seminar for first-year PhD candidates in the Study of Religion or an affiliated department (in the latter case, must have express permission of the Instructor.)

FAS Divisional Distribution: None

RELIGION 2002

Course ID: 122916

Contemporary Conversations in the Study of Religion: Seminar

2025 Fall (4 Credits)

W 0300 PM - 0500 PM

Instructor Permission Required

Janet Gyatso

An engagement with the theoretical and methodological issues that scholars of religion across the various research areas deem to be the most urgent and compelling in the discipline today, accompanied by sustained consideration of the major stages in graduate students' progress to the Ph.D.

Course Note: Limited to second-year doctoral students in the Study of Religion.

FAS Divisional Distribution: None

RELIGION 3000

Course ID: 111117

Direction of Doctoral Dissertations

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Ali Asani

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (002)

Course ID: 111117

Direction of Doctoral Dissertations

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Swayam Bagaria

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (002)

Course ID: 111117

Direction of Doctoral Dissertations

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Swayam Bagaria

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (003)

Course ID: 111117

Direction of Doctoral Dissertations

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Giovanni Bazzana

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (003)

Course ID: 111117

Direction of Doctoral Dissertations

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Giovanni Bazzana

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (004)

Direction of Doctoral Dissertations

No meeting time listed

Anya Bernstein

Course ID: 111117

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (004)

Direction of Doctoral Dissertations

No meeting time listed

Anya Bernstein

Course ID: 111117

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (005)

Direction of Doctoral Dissertations

No meeting time listed

Catherine Brekus

Course ID: 111117

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (005)

Direction of Doctoral Dissertations

No meeting time listed

Catherine Brekus

Course ID: 111117

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (006)

Direction of Doctoral Dissertations

No meeting time listed

David L. Carrasco

Course ID: 111117

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (007)

Direction of Doctoral Dissertations

No meeting time listed

Francis Clooney

Course ID: 111117

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (007)

Direction of Doctoral Dissertations

No meeting time listed

Francis Clooney

Course ID: 111117
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (008)

Direction of Doctoral Dissertations

No meeting time listed

Benjamin Dunning

Course ID: 111117
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (009)

Direction of Doctoral Dissertations

No meeting time listed

Marla Frederick

Course ID: 111117
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (009)

Direction of Doctoral Dissertations

No meeting time listed

Marla Frederick

Course ID: 111117
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (010)

Direction of Doctoral Dissertations

No meeting time listed

Luis Giron Negron

Course ID: 111117
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (010)

Direction of Doctoral Dissertations

No meeting time listed

Luis Giron Negron

Course ID: 111117

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (011)

Direction of Doctoral Dissertations

No meeting time listed

Mohsen Goudarzi

Course ID: 111117

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (011)

Direction of Doctoral Dissertations

No meeting time listed

Mohsen Goudarzi

Course ID: 111117

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (012)

Direction of Doctoral Dissertations

No meeting time listed

Ahmad Greene-Hayes

Course ID: 111117

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (013)

Direction of Doctoral Dissertations

No meeting time listed

Janet Gyatso

Course ID: 111117

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (013)

Direction of Doctoral Dissertations

No meeting time listed

Course ID: 111117

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (014)

Direction of Doctoral Dissertations

No meeting time listed

Jay Harris

Course ID: 111117

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (014)

Direction of Doctoral Dissertations

No meeting time listed

Jay Harris

Course ID: 111117

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (015)

Direction of Doctoral Dissertations

No meeting time listed

David Holland

Course ID: 111117

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (015)

Direction of Doctoral Dissertations

No meeting time listed

David Holland

Course ID: 111117

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (016)

Direction of Doctoral Dissertations

No meeting time listed

Amy Hollywood

Course ID: 111117

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (017)

Direction of Doctoral Dissertations

No meeting time listed

Terrence Johnson

Course ID: 111117

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (017)

Direction of Doctoral Dissertations

No meeting time listed

Terrence Johnson

Course ID: 111117
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (018)

Direction of Doctoral Dissertations

No meeting time listed

David Lamberth

Course ID: 111117
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (018)

Direction of Doctoral Dissertations

No meeting time listed

David Lamberth

Course ID: 111117
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (019)

Direction of Doctoral Dissertations

No meeting time listed

Jacob Olupona

Course ID: 111117
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (019)

Direction of Doctoral Dissertations

No meeting time listed

Jacob Olupona

Course ID: 111117
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (020)

Direction of Doctoral Dissertations

No meeting time listed

Kimberley Patton

Course ID: 111117

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (020)

Direction of Doctoral Dissertations

No meeting time listed

Kimberley Patton

Course ID: 111117

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (021)

Direction of Doctoral Dissertations

No meeting time listed

Irene Peirano Garrison

Course ID: 111117

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (021)

Direction of Doctoral Dissertations

No meeting time listed

Irene Peirano Garrison

Course ID: 111117

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (022)

Direction of Doctoral Dissertations

No meeting time listed

Matthew Potts

Course ID: 111117

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (022)

Direction of Doctoral Dissertations

No meeting time listed

Matthew Potts

Course ID: 111117

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (023)

Direction of Doctoral Dissertations

No meeting time listed

Michael J. Puett

Course ID: 111117

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (023)

Direction of Doctoral Dissertations

No meeting time listed

Michael J. Puett

Course ID: 111117

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (024)

Direction of Doctoral Dissertations

No meeting time listed

Annette Reed

Course ID: 111117

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (024)

Direction of Doctoral Dissertations

No meeting time listed

Annette Reed

Course ID: 111117

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (025)

Direction of Doctoral Dissertations

No meeting time listed

Mayra Rivera

Course ID: 111117

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (025)

Direction of Doctoral Dissertations

No meeting time listed

Mayra Rivera

Course ID: 111117

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (026)

Direction of Doctoral Dissertations

No meeting time listed

Julia Rhyder

Course ID: 111117
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (027)

Direction of Doctoral Dissertations

No meeting time listed

James Robson

Course ID: 111117
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (027)

Direction of Doctoral Dissertations

No meeting time listed

James Robson

Course ID: 111117
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (028)

Direction of Doctoral Dissertations

No meeting time listed

Michelle Sanchez

Course ID: 111117
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (029)

Direction of Doctoral Dissertations

No meeting time listed

Martha Selby

Course ID: 111117
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (030)

Direction of Doctoral Dissertations

No meeting time listed

Teren Sevea

Course ID: 111117

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (030)

Direction of Doctoral Dissertations

No meeting time listed

Teren Sevea

Course ID: 111117

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (031)

Direction of Doctoral Dissertations

No meeting time listed

Charles Stang

Course ID: 111117

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (031)

Direction of Doctoral Dissertations

No meeting time listed

Charles Stang

Course ID: 111117

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (032)

Direction of Doctoral Dissertations

No meeting time listed

David Stern

Course ID: 111117

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (032)

Direction of Doctoral Dissertations

No meeting time listed

David Stern

Course ID: 111117

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (033)

Direction of Doctoral Dissertations

No meeting time listed

Andrew Teeter

Course ID: 111117

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (033)

Direction of Doctoral Dissertations

No meeting time listed

Andrew Teeter

Course ID: 111117

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (034)

Direction of Doctoral Dissertations

No meeting time listed

Eugene Wang

Course ID: 111117

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (034)

Direction of Doctoral Dissertations

Course ID: 111117

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (035)

Direction of Doctoral Dissertations

No meeting time listed

Raúl Zegarra

Course ID: 111117

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (035)

Direction of Doctoral Dissertations

No meeting time listed

Raúl Zegarra

Course ID: 111117

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (036)

Direction of Doctoral Dissertations

No meeting time listed

Malika Zeghal

Course ID: 111117
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (036)

Direction of Doctoral Dissertations

No meeting time listed

Malika Zeghal

Course ID: 111117
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (037)

Direction of Doctoral Dissertations

No meeting time listed

Charles Hallisey

Course ID: 111117
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (037)

Direction of Doctoral Dissertations

No meeting time listed

Charles Hallisey

Course ID: 111117
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (038)

Direction of Doctoral Dissertations

No meeting time listed

Jon Levenson

Course ID: 111117
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (038)

Direction of Doctoral Dissertations

No meeting time listed

Jon Levenson

Course ID: 111117

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (039)

Direction of Doctoral Dissertations

No meeting time listed

Kevin Madigan

Course ID: 111117

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (039)

Direction of Doctoral Dissertations

No meeting time listed

Kevin Madigan

Course ID: 111117

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (040)

Direction of Doctoral Dissertations

No meeting time listed

Ousmane Oumar Kane

Course ID: 111117

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (040)

Direction of Doctoral Dissertations

No meeting time listed

Ousmane Oumar Kane

Course ID: 111117

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

FAS Divisional Distribution: None

RELIGION 3000 (43)

Direction of Doctoral Dissertations

No meeting time listed

Helen Hardacre

Course ID: 111117

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: May also be taken with other instructors, when authorized by the Chair.

RELIGION 3001 (01)	Course ID: 122822
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Ali Asani</i>	

RELIGION 3001 (01)	Course ID: 122822
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>

RELIGION 3001 (013)	Course ID: 122822
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Janet Gyatso</i>	

RELIGION 3001 (014)	Course ID: 122822
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Jay Harris</i>	

RELIGION 3001 (015)	Course ID: 122822
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>David Holland</i>	

RELIGION 3001 (016)	Course ID: 122822
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Amy Hollywood</i>	

RELIGION 3001 (017)	Course ID: 122822
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Terrence Johnson</i>	

RELIGION 3001 (018)	Course ID: 122822
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>David Lamberth</i>	

RELIGION 3001 (019)	Course ID: 122822
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Jacob Olupona</i>	

RELIGION 3001 (02) Reading and Research <i>No meeting time listed</i> <i>Swayam Bagaria</i>	Course ID: 122822 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (02) Reading and Research <i>No meeting time listed</i> <i>Swayam Bagaria</i>	Course ID: 122822 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (020) Reading and Research <i>No meeting time listed</i> <i>Kimberley Patton</i>	Course ID: 122822 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (021) Reading and Research <i>No meeting time listed</i> <i>Irene Peirano Garrison</i>	Course ID: 122822 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (022) Reading and Research <i>No meeting time listed</i> <i>Matthew Potts</i>	Course ID: 122822 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (023) Reading and Research <i>No meeting time listed</i> <i>Michael J. Puett</i>	Course ID: 122822 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (024) Reading and Research <i>No meeting time listed</i> <i>Annette Reed</i>	Course ID: 122822 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (025) Reading and Research <i>No meeting time listed</i> <i>Mayra Rivera</i>	Course ID: 122822 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (026) Reading and Research <i>No meeting time listed</i> <i>Julia Rhyder</i>	Course ID: 122822 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (027) Reading and Research <i>No meeting time listed</i> <i>James Robson</i>	Course ID: 122822 2025 Fall (4 Credits) <i>Instructor Permission Required</i>

RELIGION 3001 (028) Reading and Research <i>No meeting time listed</i> <i>Michelle Sanchez</i>	Course ID: 122822 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (029) Reading and Research <i>No meeting time listed</i> <i>Martha Selby</i>	Course ID: 122822 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (03) Reading and Research <i>No meeting time listed</i> <i>Giovanni Bazzana</i>	Course ID: 122822 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (03) Reading and Research <i>No meeting time listed</i> <i>Giovanni Bazzana</i>	Course ID: 122822 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (030) Reading and Research <i>No meeting time listed</i> <i>Teren Sevea</i>	Course ID: 122822 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (031) Reading and Research <i>No meeting time listed</i> <i>Charles Stang</i>	Course ID: 122822 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (032) Reading and Research <i>No meeting time listed</i> <i>David Stern</i>	Course ID: 122822 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (033) Reading and Research <i>No meeting time listed</i> <i>Andrew Teeter</i>	Course ID: 122822 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (034) Reading and Research <i>No meeting time listed</i> <i>Eugene Wang</i>	Course ID: 122822 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (035) Reading and Research	Course ID: 122822 2025 Fall (4 Credits)

No meeting time listed
Raúl Zegarra

Instructor Permission Required

RELIGION 3001 (036)
Reading and Research
No meeting time listed
Malika Zeghal

Course ID: 122822
2025 Fall (4 Credits)

Instructor Permission Required

RELIGION 3001 (037)
Reading and Research
No meeting time listed
Charles Hallisey

Course ID: 122822
2025 Fall (4 Credits)

Instructor Permission Required

RELIGION 3001 (038)
Reading and Research
No meeting time listed
Jon Levenson

Course ID: 122822
2025 Fall (4 Credits)

Instructor Permission Required

RELIGION 3001 (039)
Reading and Research
No meeting time listed
Kevin Madigan

Course ID: 122822
2025 Fall (4 Credits)

Instructor Permission Required

RELIGION 3001 (04)
Reading and Research
No meeting time listed
Anya Bernstein

Course ID: 122822
2025 Fall (4 Credits)

Instructor Permission Required

RELIGION 3001 (04)
Reading and Research
No meeting time listed
David L. Carrasco

Course ID: 122822
2026 Spring (4 Credits)

Instructor Permission Required

RELIGION 3001 (040)
Reading and Research
No meeting time listed
Ousmane Oumar Kane

Course ID: 122822
2025 Fall (4 Credits)

Instructor Permission Required

RELIGION 3001 (041)
Reading and Research
No meeting time listed
Brian FitzGerald

Course ID: 122822
2025 Fall (4 Credits)

Instructor Permission Required

RELIGION 3001 (042)
Reading and Research
No meeting time listed
Ann Braude

Course ID: 122822
2025 Fall (4 Credits)

Instructor Permission Required

RELIGION 3001 (05) Reading and Research <i>No meeting time listed</i> <i>Catherine Brekus</i>	Course ID: 122822 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (05) Reading and Research <i>No meeting time listed</i> <i>Francis Clooney</i>	Course ID: 122822 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (06) Reading and Research <i>No meeting time listed</i> <i>David L. Carrasco</i>	Course ID: 122822 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (06) Reading and Research <i>No meeting time listed</i> <i>Shaye Cohen</i>	Course ID: 122822 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (07) Reading and Research <i>No meeting time listed</i> <i>Francis Clooney</i>	Course ID: 122822 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (07) Reading and Research <i>No meeting time listed</i> <i>Diana Eck</i>	Course ID: 122822 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (08) Reading and Research <i>No meeting time listed</i> <i>Benjamin Dunning</i>	Course ID: 122822 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (08) Reading and Research <i>No meeting time listed</i> <i>James Engell</i>	Course ID: 122822 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (09) Reading and Research <i>No meeting time listed</i> <i>Marla Frederick</i>	Course ID: 122822 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (09) Reading and Research <i>No meeting time listed</i> <i>Luis Giron Negron</i>	Course ID: 122822 2026 Spring (4 Credits) <i>Instructor Permission Required</i>

RELIGION 3001 (10) Reading and Research <i>No meeting time listed</i> <i>Luis Giron Negron</i>	Course ID: 122822 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (10) Reading and Research <i>No meeting time listed</i> <i>Janet Gyatso</i>	Course ID: 122822 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (11) Reading and Research <i>No meeting time listed</i> <i>Mohsen Goudarzi</i>	Course ID: 122822 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (11) Reading and Research <i>No meeting time listed</i> <i>Helen Hardacre</i>	Course ID: 122822 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (12) Reading and Research <i>No meeting time listed</i> <i>Ahmad Greene-Hayes</i>	Course ID: 122822 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (12) Reading and Research <i>No meeting time listed</i> <i>David Hempton</i>	Course ID: 122822 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (13) Reading and Research <i>No meeting time listed</i> <i>David Holland</i>	Course ID: 122822 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (14) Reading and Research <i>No meeting time listed</i> <i>Amy Hollywood</i>	Course ID: 122822 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (15) Reading and Research <i>No meeting time listed</i> <i>Leonard van der Kuip</i>	Course ID: 122822 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (16) Reading and Research	Course ID: 122822 2026 Spring (4 Credits)

No meeting time listed
Courtney Lamberth

Instructor Permission Required

RELIGION 3001 (17)
Reading and Research
No meeting time listed
David Lamberth

Course ID: 122822
2026 Spring (4 Credits)
Instructor Permission Required

RELIGION 3001 (18)
Reading and Research
No meeting time listed
Jacob Olupona

Course ID: 122822
2026 Spring (4 Credits)
Instructor Permission Required

RELIGION 3001 (19)
Reading and Research
No meeting time listed
Parimal Patil

Course ID: 122822
2026 Spring (4 Credits)
Instructor Permission Required

RELIGION 3001 (20)
Reading and Research
No meeting time listed
Kimberley Patton

Course ID: 122822
2026 Spring (4 Credits)
Instructor Permission Required

RELIGION 3001 (21)
Reading and Research
No meeting time listed
Matthew Potts

Course ID: 122822
2026 Spring (4 Credits)
Instructor Permission Required

RELIGION 3001 (22)
Reading and Research
No meeting time listed
Michael J. Puett

Course ID: 122822
2026 Spring (4 Credits)
Instructor Permission Required

RELIGION 3001 (23)
Reading and Research
No meeting time listed
Mayra Rivera

Course ID: 122822
2026 Spring (4 Credits)
Instructor Permission Required

RELIGION 3001 (24)
Reading and Research
No meeting time listed
James Robson

Course ID: 122822
2026 Spring (4 Credits)
Instructor Permission Required

RELIGION 3001 (25)
Reading and Research
No meeting time listed
Michelle Sanchez

Course ID: 122822
2026 Spring (4 Credits)
Instructor Permission Required

RELIGION 3001 (26)
Reading and Research
No meeting time listed
Charles Stang

Course ID: 122822
2026 Spring (4 Credits)
Instructor Permission Required

RELIGION 3001 (27)
Reading and Research
No meeting time listed
Andrew Teeter

Course ID: 122822
2026 Spring (4 Credits)
Instructor Permission Required

RELIGION 3001 (28)
Reading and Research
No meeting time listed
Todhe Thomas

Course ID: 122822
2026 Spring (4 Credits)
Instructor Permission Required

RELIGION 3001 (29)
Reading and Research
No meeting time listed
Malika Zeghal

Course ID: 122822
2026 Spring (4 Credits)
Instructor Permission Required

RELIGION 3001 (30)
Reading and Research
No meeting time listed
Ryuichi Abe

Course ID: 122822
2026 Spring (4 Credits)
Instructor Permission Required

RELIGION 3001 (31)
Reading and Research
No meeting time listed
Leila Ahmed

Course ID: 122822
2026 Spring (4 Credits)
Instructor Permission Required

RELIGION 3001 (32)
Reading and Research
No meeting time listed
Ann Braude

Course ID: 122822
2026 Spring (4 Credits)
Instructor Permission Required

RELIGION 3001 (33)
Reading and Research
No meeting time listed
Charles Hallisey

Course ID: 122822
2026 Spring (4 Credits)
Instructor Permission Required

RELIGION 3001 (34)
Reading and Research
No meeting time listed
Michael Jackson

Course ID: 122822
2026 Spring (4 Credits)
Instructor Permission Required

RELIGION 3001 (36)
Reading and Research
No meeting time listed
Mark Jordan

Course ID: 122822
2026 Spring (4 Credits)
Instructor Permission Required

RELIGION 3001 (37) Reading and Research <i>No meeting time listed</i> <i>Karen King</i>	Course ID: 122822 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (38) Reading and Research <i>No meeting time listed</i> <i>Jon Levenson</i>	Course ID: 122822 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (39) Reading and Research <i>No meeting time listed</i> <i>Peter Machinist</i>	Course ID: 122822 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (40) Reading and Research <i>No meeting time listed</i> <i>Kevin Madigan</i>	Course ID: 122822 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (41) Reading and Research <i>No meeting time listed</i> <i>Dan McKanan</i>	Course ID: 122822 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (42) Reading and Research <i>No meeting time listed</i> <i>Stephanie Paulsell</i>	Course ID: 122822 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (43) Reading and Research <i>No meeting time listed</i> <i>Elisabeth Schussler Fiorenza</i>	Course ID: 122822 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (44) Reading and Research <i>No meeting time listed</i> <i>Francis Fiorenza</i>	Course ID: 122822 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (45) Reading and Research <i>No meeting time listed</i> <i>Elise Ciregna</i>	Course ID: 122822 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
RELIGION 3001 (46) Reading and Research	Course ID: 122822 2026 Spring (4 Credits)

No meeting time listed
William A. Graham

Instructor Permission Required

RELIGION 3001 (47)
Reading and Research

No meeting time listed
Shady Nasser

Course ID: 122822
2026 Spring (4 Credits)

Instructor Permission Required

RELIGION 3001 (48)
Reading and Research

No meeting time listed
Ousmane Oumar Kane

Course ID: 122822
2026 Spring (4 Credits)

Instructor Permission Required

RELIGION 3002
Teaching

No meeting time listed

Course ID: 114201
2025 Fall (4 Credits)

Instructor Permission Required

RELIGION 3002
Teaching

No meeting time listed
Terrence Johnson

Course ID: 114201
2026 Spring (4 Credits)

Instructor Permission Required

RELIGION 3003
Course Related Work

No meeting time listed

Course ID: 217442
2025 Fall (4 Credits)

Instructor Permission Required

RELIGION 3003
Course Related Work

No meeting time listed

Course ID: 217442
2026 Spring (4 Credits)

Instructor Permission Required

RELIGION 3004 (1)
Pedagogy in the Study of Religion

M 0300 PM - 0545 PM
Mohsen Goudarzi

Course ID: 219979
2026 Spring (2 Credits)

Instructor Permission Required

This course is designed for graduate students in the Committee on the Study of Religion, and is open to students in related fields who teach courses pertaining to religion. The course aims to equip students with skills to be effective Teaching Fellows at Harvard and to develop their own approaches to pedagogy as independent instructors in the field of religion. Classes will be workshop-style and will cover various teaching methods, course design, and professional development topics. They will also provide a space to discuss day-to-day success stories and challenges in the classroom.

Course Note: This course must be taken Sat/Unsat and is designed to minimize work outside class time. Classes will take place on 6 Mondays: Jan 27, Feb 17, March 10, March 21, March 14, March 28

FAS Divisional Distribution: None

RELIGION 3505A
Colloquium in American Religious History

No meeting time listed

Course ID: 118565
2025 Fall (2 Credits)

Instructor Permission Required

David Holland

Presentation and discussion of the research of doctoral candidates in American religious history. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Note: Open, with instructor's permission, to doctoral students in other fields of religious studies or American studies. Course meets bi-weekly. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit. Offered jointly with the Divinity School as 2390A.

FAS Divisional Distribution: None

Full Year Course: Indivisible Course

RELIGION 3505B (01)

Colloquium in American Religious History

T 0600 PM - 0800 PM

David Holland

Presentation and discussion of the research of doctoral candidates in American religious history. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Note: Open, with instructor's permission, to doctoral students in other fields of religious studies or American studies. Course meets bi-weekly. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit. Offered jointly with the Divinity School as 2390B.

Requires: Pre-requisite: RELIGION 3505A

FAS Divisional Distribution: None

Full Year Course: Indivisible Course

Course ID: 160420

2026 Spring (2 Credits)

Romance Languages and Literatures

Spanish

SPANSH 10

Introduction to the Spanish-speaking World I: Histories, Cultures, and Traditions.

MTWR 0900 AM - 1015 AM

Maria Parra-Velasco

Course ID: 124982

2025 Fall (4 Credits)

Instructor Permission Required

Spanish 10 is the first course in the Beginning Spanish sequence (SPAN 10-SPAN 11). This course is designed for students with little or no previous experience in Spanish. Through interactions with peers, instructors, and native Spanish-speakers around the world, students in this class discuss and analyze authentic multimodal texts (e.g., written, audio, audiovisual, visual) from various sources (e.g., social media, newspapers, museums). Through these interactions and analyses, students learn frequent vocabulary and develop a wide array of linguistic functions, such as the ability to make basic descriptions or to narrate in the present tense. By the end of the semester, students: a) will have developed basic linguistic competence in Spanish, and b) will have gained some understanding of the cultures and worldviews of Spanish-speaking communities in the United States, Latin America, and Spain.

Course Note: Conducted in Spanish. Open to students who have not previously studied Spanish or who have scored below 300 on the Harvard placement test. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students who have studied Spanish for two years or more in secondary school must begin at Spanish 11 or higher.

This course is taught by members of the Department.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Spanish

SPANSH 10

Introduction to the Spanish-speaking World I: Histories, Cultures, and Traditions.

MTWR 0900 AM - 1015 AM

Maria Parra-Velasco

Course ID: 124982

2026 Spring (4 Credits)

Instructor Permission Required

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This course is taught by members of the Department.

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: None

SPANSH 10 (002)

Introduction to the Spanish-speaking World I: Histories, Cultures, and Traditions.

Course ID: 124982
2025 Fall (4 Credits)

MTWR 1030 AM - 1145 AM

Instructor Permission Required

Maria Parra-Velasco

Spanish 10 is the first course in the Beginning Spanish sequence (SPAN 10-SPAN 11). This course is designed for students with little or no previous experience in Spanish. Through interactions with peers, instructors, and native Spanish-speakers around the world, students in this class discuss and analyze authentic multimodal texts (e.g., written, audio, audiovisual, visual) from various sources (e.g., social media, newspapers, museums). Through these interactions and analyses, students learn frequent vocabulary and develop a wide array of linguistic functions, such as the ability to make basic descriptions or to narrate in the present tense. By the end of the semester, students: a) will have developed basic linguistic competence in Spanish, and b) will have gained some understanding of the cultures and worldviews of Spanish-speaking communities in the United States, Latin America, and Spain.

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FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Spanish

SPANSH 10 (002)

Introduction to the Spanish-speaking World I: Histories, Cultures, and Traditions.

Course ID: 124982
2026 Spring (4 Credits)

MTWR 1030 AM - 1145 AM

Instructor Permission Required

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This course is taught by members of the Department.

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: None

SPANSH 10 (003)

Introduction to the Spanish-speaking World I: Histories, Cultures, and Traditions.

Course ID: 124982
2025 Fall (4 Credits)

MTWR 1200 PM - 0115 PM

Instructor Permission Required

Maria Parra-Velasco

Spanish 10 is the first course in the Beginning Spanish sequence (SPAN 10-SPAN 11). This course is designed for students with little or no previous experience in Spanish. Through interactions with peers, instructors, and native Spanish-speakers around the world, students in this class discuss and analyze authentic multimodal texts (e.g., written, audio, audiovisual, visual) from various sources (e.g., social media, newspapers, museums). Through these interactions and analyses, students learn frequent vocabulary and develop a wide array of linguistic functions, such as the ability to make basic descriptions or to narrate in the present tense. By the end of the semester, students: a) will have developed basic linguistic competence in Spanish, and b) will have gained some understanding of the cultures and worldviews of Spanish-speaking communities in the United States, Latin America, and Spain.

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This course is taught by members of the Department.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Spanish

SPANSH 10 (004)

Introduction to the Spanish-speaking World I: Histories, Cultures, and Traditions.

Course ID: 124982
2025 Fall (4 Credits)

MTWR 0130 PM - 0245 PM

Instructor Permission Required

Maria Parra-Velasco

Spanish 10 is the first course in the Beginning Spanish sequence (SPAN 10-SPAN 11). This course is designed for students with little or no previous experience in Spanish. Through interactions with peers, instructors, and native Spanish-speakers around the world, students in this class discuss and analyze authentic multimodal texts (e.g., written, audio, audiovisual, visual) from various sources (e.g., social media, newspapers, museums). Through these interactions and analyses, students learn frequent vocabulary and develop a wide array of linguistic functions, such as the ability to make basic descriptions or to narrate in the present tense. By the end of the semester, students: a) will have developed basic linguistic competence in Spanish, and b) will have gained some understanding of the cultures and worldviews of Spanish-speaking communities in the United States, Latin America, and Spain.

Course Note: Conducted in Spanish. Open to students who have not previously studied Spanish or who have scored below 300 on the Harvard placement test. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students who have studied Spanish for two years or more in secondary school must begin at Spanish 11 or higher.

This course is taught by members of the Department.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Spanish

SPANSH 10 (005)

Introduction to the Spanish-speaking World I: Histories, Cultures, and Traditions.

Course ID: 124982
2025 Fall (4 Credits)

MTWR 0300 PM - 0415 PM

Instructor Permission Required

Maria Parra-Velasco

Spanish 10 is the first course in the Beginning Spanish sequence (SPAN 10-SPAN 11). This course is designed for students with little or no previous experience in Spanish. Through interactions with peers, instructors, and native Spanish-speakers around the world, students in this class discuss and analyze authentic multimodal texts (e.g., written, audio, audiovisual, visual) from various sources (e.g., social media, newspapers, museums). Through these interactions and analyses, students learn frequent vocabulary and develop a wide array of linguistic functions, such as the ability to make basic descriptions or to narrate in the present tense. By the end of the semester, students: a) will have developed basic linguistic competence in Spanish, and b) will have gained some understanding of the cultures and worldviews of Spanish-speaking communities in the United States, Latin America, and Spain.

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This course is taught by members of the Department.

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: None

SPANSH 11

Introduction to the Spanish-speaking World II: Social, Cultural, and Sustainability Topics

Course ID: 125058
2025 Fall (4 Credits)

MWF 0900 AM - 1015 AM

Instructor Permission Required

Maria Parra-Velasco

Spanish 11 is the second course in the Beginning Spanish sequence (SPAN 10-SPAN 11). In this course, students explore a host of social, cultural, and environmental sustainability issues that have historically impacted the lives and livelihoods of local and foreign Spanish-speaking communities. Throughout the semester, students interact constantly with instructors, peers, and native Spanish speakers around the world as they explore culturally and linguistically rich content. Through discussions and critical analyses of authentic multimodal texts (e.g., written, audiovisual, visual) from many different sources (e.g., social media, newspapers), students develop a wide array of linguistic functions, such as the ability to make detailed descriptions or to narrate in different time frames. By the end of this class, students a) will have further advanced their linguistic competence, and b) will have deepened their understanding of the cultures and worldviews of Spanish-speaking communities in the United States, Latin America, and Spain.

Course Note: Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students who have studied Spanish for two years or more in secondary school must begin at Spanish 11 or higher. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.

A score between 301-450 on the SAT II test or on the Harvard Placement Test, Spanish 10, or permission of course head.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Spanish

SPANSH 11

Introduction to the Spanish-speaking World II: Social, Cultural, and Sustainability Topics

Course ID: 125058
2026 Spring (4 Credits)

MWF 0900 AM - 1015 AM

Instructor Permission Required

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Course Note: Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS

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FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: None

SPANSH 11 (002)

Introduction to the Spanish-speaking World II: Social, Cultural, and Sustainability Topics

MWF 1030 AM - 1145 AM

Maria Parra-Velasco

Course ID: 125058

2025 Fall (4 Credits)

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FAS Divisional Distribution: None
FAS: Meets Foreign Lang Req: Spanish

SPANSH 11 (003)

Introduction to the Spanish-speaking World II: Social, Cultural, and Sustainability Topics

Course ID: 125058
2025 Fall (4 Credits)

MWF 1200 PM - 0115 PM

Instructor Permission Required

Maria Parra-Velasco

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FAS: Meets Foreign Lang Req: Spanish
FAS Divisional Distribution: None

SPANSH 11 (003)

Introduction to the Spanish-speaking World II: Social, Cultural, and Sustainability Topics

Course ID: 125058
2026 Spring (4 Credits)

MWF 1200 PM - 0115 PM

Instructor Permission Required

Maria Parra-Velasco

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FAS: Meets Foreign Lang Req: Spanish
FAS Divisional Distribution: None

SPANSH 11 (004)

Introduction to the Spanish-speaking World II: Social, Cultural, and Sustainability Topics

Course ID: 125058
2025 Fall (4 Credits)

Maria Parra-Velasco

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FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: None

SPANSH 11 (004)

Course ID: 125058

Introduction to the Spanish-speaking World II: Social, Cultural, and Sustainability Topics

2026 Spring (4 Credits)

MWF 0130 PM - 0245 PM

Instructor Permission Required

Maria Parra-Velasco

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FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: None

SPANSH 11 (005)

Course ID: 125058

Introduction to the Spanish-speaking World II: Social, Cultural, and Sustainability Topics

2025 Fall (4 Credits)

MWF 1030 AM - 1145 AM

Instructor Permission Required

Maria Parra-Velasco

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FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: None

SPANSH 11 (005)

Course ID: 125058

Introduction to the Spanish-speaking World II: Social, Cultural, and Sustainability Topics

2026 Spring (4 Credits)

MWF 1030 AM - 1145 AM

Instructor Permission Required

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A score between 301-450 on the SAT II test or on the Harvard Placement Test, Spanish 10, or permission of course head.

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: None

SPANSH 11 (006)

Course ID: 125058

Introduction to the Spanish-speaking World II: Social, Cultural, and Sustainability Topics

2025 Fall (4 Credits)

MWF 0900 AM - 1015 AM

Instructor Permission Required

Maria Parra-Velasco

Spanish 11 is the second course in the Beginning Spanish sequence (SPAN 10-SPAN 11). In this course, students explore a host of social, cultural, and environmental sustainability issues that have historically impacted the lives and livelihoods of local and foreign Spanish-speaking communities. Throughout the semester, students interact constantly with instructors, peers, and native Spanish speakers around the world as they explore culturally and linguistically rich content. Through discussions and critical analyses of authentic multimodal texts (e.g., written, audiovisual, visual) from many different sources (e.g., social media, newspapers), students develop a wide array of linguistic functions, such as the ability to make detailed descriptions or to narrate in different time frames. By the end of this class, students a) will have further advanced their linguistic competence, and b) will have deepened their understanding of the cultures and worldviews of Spanish-speaking communities in the United States, Latin America, and Spain.

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A score between 301-450 on the SAT II test or on the Harvard Placement Test, Spanish 10, or permission of course head.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Spanish

SPANSH 11 (006)

Introduction to the Spanish-speaking World II: Social, Cultural, and Sustainability Topics

MWF 1200 PM - 0115 PM

Maria Parra-Velasco

Course ID: 125058
2026 Spring (4 Credits)

Instructor Permission Required

Spanish 11 is the second course in the Beginning Spanish sequence (SPAN 10-SPAN 11). In this course, students explore a host of social, cultural, and environmental sustainability issues that have historically impacted the lives and livelihoods of local and foreign Spanish-speaking communities. Throughout the semester, students interact constantly with instructors, peers, and native Spanish speakers around the world as they explore culturally and linguistically rich content. Through discussions and critical analyses of authentic multimodal texts (e.g., written, audiovisual, visual) from many different sources (e.g., social media, newspapers), students develop a wide array of linguistic functions, such as the ability to make detailed descriptions or to narrate in different time frames. By the end of this class, students a) will have further advanced their linguistic competence, and b) will have deepened their understanding of the cultures and worldviews of Spanish-speaking communities in the United States, Latin America, and Spain.

Course Note: Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students who have studied Spanish for two years or more in secondary school must begin at Spanish 11 or higher. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.

A score between 301-450 on the SAT II test or on the Harvard Placement Test, Spanish 10, or permission of course head.

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: None

SPANSH 11 (007)

Introduction to the Spanish-speaking World II: Social, Cultural, and Sustainability Topics

MWF 1200 PM - 0115 PM

Maria Parra-Velasco

Course ID: 125058
2025 Fall (4 Credits)

Instructor Permission Required

Spanish 11 is the second course in the Beginning Spanish sequence (SPAN 10-SPAN 11). In this course, students explore a host of social, cultural, and environmental sustainability issues that have historically impacted the lives and livelihoods of local and foreign Spanish-speaking communities. Throughout the semester, students interact constantly with instructors, peers, and native Spanish speakers around the world as they explore culturally and linguistically rich content. Through discussions and critical analyses of authentic multimodal texts (e.g., written, audiovisual, visual) from many different sources (e.g., social media, newspapers), students develop a wide array of linguistic functions, such as the ability to make detailed descriptions or to narrate in different time frames. By the end of this class, students a) will have further advanced their linguistic competence, and b) will have deepened their understanding of the cultures and worldviews of Spanish-speaking communities in the United States, Latin America, and Spain.

Course Note: Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students who have studied Spanish for two years or more in secondary school must begin at Spanish 11 or higher. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.

A score between 301-450 on the SAT II test or on the Harvard Placement Test, Spanish 10, or permission of course head.

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: None

This intensive beginning class is for students with no previous formal training in Spanish, but with competence in at least one language other than English. In this class, students explore a host of social, cultural, and environmental issues that have historically impacted the lives and livelihoods of local, national, and foreign Spanish-speaking communities. Throughout the semester, students interact constantly with instructors, peers, and native Spanish speakers around the world as they explore culturally and linguistically rich content. Through discussions and critical analyses of authentic multimodal texts (e.g., written, audiovisual, visual) from many different sources (e.g., social media, newspapers), students develop a wide array of linguistic functions, such as the ability to make detailed descriptions or to narrate in different time frames. By the end of this class, students a) will have significantly advanced their linguistic competence, and b) will have deepened their understanding of the cultures and worldviews of Spanish-speaking communities in the United States, Latin America, and Spain.

Course Note: Not open to auditors. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.

An advanced knowledge of at least one foreign language, preferably a modern Romance language, but no previous study of Spanish.

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: None

This intensive beginning class is for students with no previous formal training in Spanish, but with competence in at least one language other than English. In this class, students explore a host of social, cultural, and environmental issues that have historically impacted the lives and livelihoods of local, national, and foreign Spanish-speaking communities. Throughout the semester, students interact constantly with instructors, peers, and native Spanish speakers around the world as they explore culturally and linguistically rich content. Through discussions and critical analyses of authentic multimodal texts (e.g., written, audiovisual, visual) from many different sources (e.g., social media, newspapers), students develop a wide array of linguistic functions, such as the ability to make detailed descriptions or to narrate in different time frames. By the end of this class, students a) will have significantly advanced their linguistic competence, and b) will have deepened their understanding of the cultures and worldviews of Spanish-speaking communities in the United States, Latin America, and Spain.

Course Note: Not open to auditors. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.

An advanced knowledge of at least one foreign language, preferably a modern Romance language, but no previous study of Spanish.

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: None

This intensive beginning class is for students with no previous formal training in Spanish, but with competence in at least one language other than English. In this class, students explore a host of social, cultural, and environmental issues that have historically impacted the lives and livelihoods of local, national, and foreign Spanish-speaking communities. Throughout the semester, students interact constantly with instructors, peers, and native Spanish speakers around the world as they explore culturally and linguistically rich content. Through discussions and critical analyses of authentic multimodal texts (e.g., written, audiovisual, visual) from many

different sources (e.g., social media, newspapers), students develop a wide array of linguistic functions, such as the ability to make detailed descriptions or to narrate in different time frames. By the end of this class, students a) will have significantly advanced their linguistic competence, and b) will have deepened their understanding of the cultures and worldviews of Spanish-speaking communities in the United States, Latin America, and Spain.

Course Note: Not open to auditors. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.

An advanced knowledge of at least one foreign language, preferably a modern Romance language, but no previous study of Spanish.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Spanish

SPANSH 20

Intermediate Spanish: Language and Culture in the Hispanic World

MWF 0900 AM - 1015 AM

Adriana Gutierrez

Course ID: 125011
2025 Fall (4 Credits)

Instructor Permission Required

An intermediate language and culture class that aims to consolidate and expand the skills of listening comprehension, speaking, reading and writing in Spanish. Includes a comprehensive review of the grammar and reinforces linguistic acquisition through texts, movies, art and multi-media projects to acquaint students with cultural issues relevant to the Spanish-speaking world.

Course Note: Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.

Spanish Ab, Acc, 451-600 on the SAT II test or on the Harvard Placement Test, or permission of course head.

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: Spanish

FAS: Meets Foreign Lang Req: Spanish

SPANSH 20

Intermediate Spanish: Language and Culture in the Hispanic World

MWF 0900 AM - 1015 AM

Adriana Gutierrez

Course ID: 125011
2026 Spring (4 Credits)

Instructor Permission Required

An intermediate language and culture class that aims to consolidate and expand the skills of listening comprehension, speaking, reading and writing in Spanish. Includes a comprehensive review of the grammar and reinforces linguistic acquisition through texts, movies, art and multi-media projects to acquaint students with cultural issues relevant to the Spanish-speaking world.

Course Note: Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.

Spanish Ab, Acc, 451-600 on the SAT II test or on the Harvard Placement Test, or permission of course head.

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: Spanish

SPANSH 20 (002)

Intermediate Spanish: Language and Culture in the Hispanic World

MWF 1030 AM - 1145 AM

Adriana Gutierrez

Course ID: 125011
2025 Fall (4 Credits)

Instructor Permission Required

An intermediate language and culture class that aims to consolidate and expand the skills of listening comprehension, speaking, reading and writing in Spanish. Includes a comprehensive review of the grammar and reinforces linguistic acquisition through texts, movies, art and multi-media projects to acquaint students with cultural issues relevant to the Spanish-speaking world.

Course Note: Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.

Spanish Ab, Acd, 451-600 on the SAT II test or on the Harvard Placement Test, or permission of course head.

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: Spanish

FAS: Meets Foreign Lang Req: Spanish

SPANSH 20 (002)

Intermediate Spanish: Language and Culture in the Hispanic World

Course ID: 125011
2026 Spring (4 Credits)

MWF 1030 AM - 1145 AM

Instructor Permission Required

Adriana Gutierrez

An intermediate language and culture class that aims to consolidate and expand the skills of listening comprehension, speaking, reading and writing in Spanish. Includes a comprehensive review of the grammar and reinforces linguistic acquisition through texts, movies, art and multi-media projects to acquaint students with cultural issues relevant to the Spanish-speaking world.

Course Note: Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.

Spanish Ab, Acd, 451-600 on the SAT II test or on the Harvard Placement Test, or permission of course head.

HCOL: Foreign Lang Citation: Spanish

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: None

SPANSH 20 (003)

Intermediate Spanish: Language and Culture in the Hispanic World

Course ID: 125011
2025 Fall (4 Credits)

MWF 1200 PM - 0115 PM

Instructor Permission Required

Adriana Gutierrez

An intermediate language and culture class that aims to consolidate and expand the skills of listening comprehension, speaking, reading and writing in Spanish. Includes a comprehensive review of the grammar and reinforces linguistic acquisition through texts, movies, art and multi-media projects to acquaint students with cultural issues relevant to the Spanish-speaking world.

Course Note: Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.

Spanish Ab, Acd, 451-600 on the SAT II test or on the Harvard Placement Test, or permission of course head.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Spanish

HCOL: Foreign Lang Citation: Spanish

SPANSH 20 (003)

Intermediate Spanish: Language and Culture in the Hispanic World

Course ID: 125011
2026 Spring (4 Credits)

MWF 0900 AM - 1015 AM

Instructor Permission Required

Adriana Gutierrez

An intermediate language and culture class that aims to consolidate and expand the skills of listening

comprehension, speaking, reading and writing in Spanish. Includes a comprehensive review of the grammar and reinforces linguistic acquisition through texts, movies, art and multi-media projects to acquaint students with cultural issues relevant to the Spanish-speaking world.

Course Note: Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.

Spanish Ab, Acc, 451-600 on the SAT II test or on the Harvard Placement Test, or permission of course head.

FAS: Meets Foreign Lang Req: Spanish

HCOL: Foreign Lang Citation: Spanish

FAS Divisional Distribution: None

SPANSH 20 (004)

Course ID: 125011
2025 Fall (4 Credits)

Intermediate Spanish: Language and Culture in the Hispanic World

MWF 0130 PM - 0245 PM

Instructor Permission Required

Adriana Gutierrez

An intermediate language and culture class that aims to consolidate and expand the skills of listening comprehension, speaking, reading and writing in Spanish. Includes a comprehensive review of the grammar and reinforces linguistic acquisition through texts, movies, art and multi-media projects to acquaint students with cultural issues relevant to the Spanish-speaking world.

Course Note: Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.

Spanish Ab, Acc, 451-600 on the SAT II test or on the Harvard Placement Test, or permission of course head.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Spanish

HCOL: Foreign Lang Citation: Spanish

SPANSH 20 (004)

Course ID: 125011
2026 Spring (4 Credits)

Intermediate Spanish: Language and Culture in the Hispanic World

MWF 1030 AM - 1145 AM

Instructor Permission Required

Adriana Gutierrez

An intermediate language and culture class that aims to consolidate and expand the skills of listening comprehension, speaking, reading and writing in Spanish. Includes a comprehensive review of the grammar and reinforces linguistic acquisition through texts, movies, art and multi-media projects to acquaint students with cultural issues relevant to the Spanish-speaking world.

Course Note: Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.

Spanish Ab, Acc, 451-600 on the SAT II test or on the Harvard Placement Test, or permission of course head.

FAS: Meets Foreign Lang Req: Spanish

HCOL: Foreign Lang Citation: Spanish

FAS Divisional Distribution: None

SPANSH 20 (005)

Course ID: 125011
2025 Fall (4 Credits)

Intermediate Spanish: Language and Culture in the Hispanic World

MWF 0900 AM - 1015 AM

Instructor Permission Required

Adriana Gutierrez

An intermediate language and culture class that aims to consolidate and expand the skills of listening comprehension, speaking, reading and writing in Spanish. Includes a comprehensive review of the grammar and

reinforces linguistic acquisition through texts, movies, art and multi-media projects to acquaint students with cultural issues relevant to the Spanish-speaking world.

Course Note: Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.

Spanish Ab, Acc, 451-600 on the SAT II test or on the Harvard Placement Test, or permission of course head.

HCOL: Foreign Lang Citation: Spanish

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Spanish

SPANSH 20 (005)

Course ID: 125011

Intermediate Spanish: Language and Culture in the Hispanic World

2026 Spring (4 Credits)

MWF 1200 PM - 0115 PM

Instructor Permission Required

Adriana Gutierrez

An intermediate language and culture class that aims to consolidate and expand the skills of listening comprehension, speaking, reading and writing in Spanish. Includes a comprehensive review of the grammar and reinforces linguistic acquisition through texts, movies, art and multi-media projects to acquaint students with cultural issues relevant to the Spanish-speaking world.

Course Note: Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.

Spanish Ab, Acc, 451-600 on the SAT II test or on the Harvard Placement Test, or permission of course head.

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: Spanish

SPANSH 20 (006)

Course ID: 125011

Intermediate Spanish: Language and Culture in the Hispanic World

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Adriana Gutierrez

An intermediate language and culture class that aims to consolidate and expand the skills of listening comprehension, speaking, reading and writing in Spanish. Includes a comprehensive review of the grammar and reinforces linguistic acquisition through texts, movies, art and multi-media projects to acquaint students with cultural issues relevant to the Spanish-speaking world.

Course Note: Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.

Spanish Ab, Acc, 451-600 on the SAT II test or on the Harvard Placement Test, or permission of course head.

HCOL: Foreign Lang Citation: Spanish

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: None

SPANSH 20 (006)

Course ID: 125011

Intermediate Spanish: Language and Culture in the Hispanic World

2026 Spring (4 Credits)

MWF 0130 PM - 0245 PM

Instructor Permission Required

Adriana Gutierrez

An intermediate language and culture class that aims to consolidate and expand the skills of listening comprehension, speaking, reading and writing in Spanish. Includes a comprehensive review of the grammar and reinforces linguistic acquisition through texts, movies, art and multi-media projects to acquaint students with

cultural issues relevant to the Spanish-speaking world.

Course Note: Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.

Spanish Ab, Acd, 451-600 on the SAT II test or on the Harvard Placement Test, or permission of course head.

HCOL: Foreign Lang Citation: Spanish

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: None

SPANSH 30

Course ID: 114200

Upper-Level Spanish: Arts of Resistance, Narratives of the Impossible, and Foods that Gather Us

2025 Fall (4 Credits)

MWF 0900 AM - 1015 AM

Instructor Permission Required

Xiomara Feliberty Casiano

An advanced language class that reinforces the practice of oral and written communication in Spanish through topics in contemporary cultural materials from Spain and Latin America. Students will focus on improving proficiency, refining pronunciation and acquiring vocabulary. In addition to in-class discussions, course work involves grammar review and practice in writing. Consult course website for current semester topics.

Course Note: Conducted in Spanish. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.

This course is taught by members of the Department.

A score between 601-680 on the SAT II test or on the Harvard Placement Test, Spanish C, or permission of course head.

FAS: Meets Foreign Lang Req: Spanish

HCOL: Foreign Lang Citation: Spanish

FAS Divisional Distribution: Arts and Humanities

SPANSH 30

Course ID: 114200

Upper-Level Spanish: Arts of Resistance, Narratives of the Impossible, and Foods that Gather Us

2026 Spring (4 Credits)

MWF 0900 AM - 1015 AM

Instructor Permission Required

Xiomara Feliberty Casiano

An advanced language class that reinforces the practice of oral and written communication in Spanish through topics in contemporary cultural materials from Spain and Latin America. Students will focus on improving proficiency, refining pronunciation and acquiring vocabulary. In addition to in-class discussions, course work involves grammar review and practice in writing. Consult course website for current semester topics.

Course Note: Conducted in Spanish. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.

This course is taught by members of the Department.

A score between 601-680 on the SAT II test or on the Harvard Placement Test, Spanish C, or permission of course head.

HCOL: Foreign Lang Citation: Spanish

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Spanish

SPANSH 30 (002)

Course ID: 114200

Upper-Level Spanish: Arts of Resistance, Narratives of the Impossible, and Foods that Gather Us

2025 Fall (4 Credits)

Xiomara Feliberty Casiano

An advanced language class that reinforces the practice of oral and written communication in Spanish through topics in contemporary cultural materials from Spain and Latin America. Students will focus on improving proficiency, refining pronunciation and acquiring vocabulary. In addition to in-class discussions, course work involves grammar review and practice in writing. Consult course website for current semester topics.

Course Note: Conducted in Spanish. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.

This course is taught by members of the Department.

A score between 601-680 on the SAT II test or on the Harvard Placement Test, Spanish C, or permission of course head.

FAS: Meets Foreign Lang Req: Spanish

HCOL: Foreign Lang Citation: Spanish

FAS Divisional Distribution: Arts and Humanities

SPANSH 30 (002)

Course ID: 114200

Upper-Level Spanish: Arts of Resistance, Narratives of the Impossible, and Foods that Gather Us

2026 Spring (4 Credits)

MWF 1030 AM - 1145 AM

Instructor Permission Required

Xiomara Feliberty Casiano

An advanced language class that reinforces the practice of oral and written communication in Spanish through topics in contemporary cultural materials from Spain and Latin America. Students will focus on improving proficiency, refining pronunciation and acquiring vocabulary. In addition to in-class discussions, course work involves grammar review and practice in writing. Consult course website for current semester topics.

Course Note: Conducted in Spanish. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.

This course is taught by members of the Department.

A score between 601-680 on the SAT II test or on the Harvard Placement Test, Spanish C, or permission of course head.

HCOL: Foreign Lang Citation: Spanish

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: Arts and Humanities

SPANSH 30 (003)

Course ID: 114200

Upper-Level Spanish: Arts of Resistance, Narratives of the Impossible, and Foods that Gather Us

2025 Fall (4 Credits)

MWF 1200 PM - 0115 PM

Instructor Permission Required

Xiomara Feliberty Casiano

An advanced language class that reinforces the practice of oral and written communication in Spanish through topics in contemporary cultural materials from Spain and Latin America. Students will focus on improving proficiency, refining pronunciation and acquiring vocabulary. In addition to in-class discussions, course work involves grammar review and practice in writing. Consult course website for current semester topics.

Course Note: Conducted in Spanish. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.

This course is taught by members of the Department.

A score between 601-680 on the SAT II test or on the Harvard Placement Test, Spanish C, or permission of course head.

HCOL: Foreign Lang Citation: Spanish

SPANSH 30 (003)

Course ID: 114200
2026 Spring (4 Credits)

Upper-Level Spanish: Arts of Resistance, Narratives of the Impossible, and Foods that Gather Us

MWF 1200 PM - 0115 PM

Instructor Permission Required

Xiomara Feliberty Casiano

An advanced language class that reinforces the practice of oral and written communication in Spanish through topics in contemporary cultural materials from Spain and Latin America. Students will focus on improving proficiency, refining pronunciation and acquiring vocabulary. In addition to in-class discussions, course work involves grammar review and practice in writing. Consult course website for current semester topics.

Course Note: Conducted in Spanish. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.

This course is taught by members of the Department.

A score between 601-680 on the SAT II test or on the Harvard Placement Test, Spanish C, or permission of course head.

HCOL: Foreign Lang Citation: Spanish

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: Arts and Humanities

SPANSH 30 (004)

Course ID: 114200
2025 Fall (4 Credits)

Upper-Level Spanish: Arts of Resistance, Narratives of the Impossible, and Foods that Gather Us

MWF 0130 PM - 0245 PM

Instructor Permission Required

Xiomara Feliberty Casiano

An advanced language class that reinforces the practice of oral and written communication in Spanish through topics in contemporary cultural materials from Spain and Latin America. Students will focus on improving proficiency, refining pronunciation and acquiring vocabulary. In addition to in-class discussions, course work involves grammar review and practice in writing. Consult course website for current semester topics.

Course Note: Conducted in Spanish. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.

This course is taught by members of the Department.

A score between 601-680 on the SAT II test or on the Harvard Placement Test, Spanish C, or permission of course head.

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Spanish

HCOL: Foreign Lang Citation: Spanish

SPANSH 30 (004)

Course ID: 114200
2026 Spring (4 Credits)

Upper-Level Spanish: Arts of Resistance, Narratives of the Impossible, and Foods that Gather Us

MWF 0130 PM - 0245 PM

Instructor Permission Required

Xiomara Feliberty Casiano

An advanced language class that reinforces the practice of oral and written communication in Spanish through topics in contemporary cultural materials from Spain and Latin America. Students will focus on improving proficiency, refining pronunciation and acquiring vocabulary. In addition to in-class discussions, course work involves grammar review and practice in writing. Consult course website for current semester topics.

Course Note: Conducted in Spanish. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior

level in this course may enroll in any course for which they are linguistically prepared.

This course is taught by members of the Department.

A score between 601-680 on the SAT II test or on the Harvard Placement Test, Spanish C, or permission of course head.

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Spanish

HCOL: Foreign Lang Citation: Spanish

SPANSH 30 (005)

Upper-Level Spanish: Arts of Resistance, Narratives of the Impossible, and Foods that Gather Us

Course ID: 114200
2026 Spring (4 Credits)

MWF 0900 AM - 1015 AM

Instructor Permission Required

Xiomara Feliberty Casiano

An advanced language class that reinforces the practice of oral and written communication in Spanish through topics in contemporary cultural materials from Spain and Latin America. Students will focus on improving proficiency, refining pronunciation and acquiring vocabulary. In addition to in-class discussions, course work involves grammar review and practice in writing. Consult course website for current semester topics.

Course Note: Conducted in Spanish. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared.

This course is taught by members of the Department.

A score between 601-680 on the SAT II test or on the Harvard Placement Test, Spanish C, or permission of course head.

HCOL: Foreign Lang Citation: Spanish

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: Arts and Humanities

SPANSH 40

Advanced Spanish Language I: Identity, History and Movement in Latin American Narrative and Film

Course ID: 125014
2025 Fall (4 Credits)

MW 0900 AM - 1015 AM

Instructor Permission Required

Xiomara Feliberty Casiano

An advanced language and culture class that further develops linguistic competence using a region or regions of the Hispanic world as a focus for class discussion, grammar review, and an introduction to Hispanic social contexts and texts. Course materials may also include films, interviews, paintings, photography, music, selections from the press, as well as literary or historical readings. Frequent written and oral assignments, and a thorough review of grammar. Consult course website for current semester topics.

Course Note: Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.

A score between 681-720 on the SAT II test or on the Harvard Placement Test, AP 5, Spanish 30, or permission of course head.

FAS: Meets Foreign Lang Req: Spanish

HCOL: Foreign Lang Citation: Spanish

FAS Divisional Distribution: Arts and Humanities

SPANSH 40

Advanced Spanish Language I: Identity, History and Movement in Latin American Narrative and Film

Course ID: 125014
2026 Spring (4 Credits)

Xiomara Feliberty Casiano

An advanced language and culture class that further develops linguistic competence using a region or regions of the Hispanic world as a focus for class discussion, grammar review, and an introduction to Hispanic social contexts and texts. Course materials may also include films, interviews, paintings, photography, music, selections from the press, as well as literary or historical readings. Frequent written and oral assignments, and a thorough review of grammar. Consult course website for current semester topics.

Course Note: Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.

A score between 681-720 on the SAT II test or on the Harvard Placement Test, AP 5, Spanish 30, or permission of course head.

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Spanish

SPANSH 40 (002)

Course ID: 125014

Advanced Spanish Language I: Identity, History and Movement in Latin American Narrative and Film

2025 Fall (4 Credits)

MW 1030 AM - 1145 AM

Instructor Permission Required

Xiomara Feliberty Casiano

An advanced language and culture class that further develops linguistic competence using a region or regions of the Hispanic world as a focus for class discussion, grammar review, and an introduction to Hispanic social contexts and texts. Course materials may also include films, interviews, paintings, photography, music, selections from the press, as well as literary or historical readings. Frequent written and oral assignments, and a thorough review of grammar. Consult course website for current semester topics.

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FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Spanish

SPANSH 40 (002)

Course ID: 125014

Advanced Spanish Language I: Identity, History and Movement in Latin American Narrative and Film

2026 Spring (4 Credits)

MWF 1030 AM - 1145 AM

Instructor Permission Required

Xiomara Feliberty Casiano

An advanced language and culture class that further develops linguistic competence using a region or regions of the Hispanic world as a focus for class discussion, grammar review, and an introduction to Hispanic social contexts and texts. Course materials may also include films, interviews, paintings, photography, music, selections from the press, as well as literary or historical readings. Frequent written and oral assignments, and a thorough review of grammar. Consult course website for current semester topics.

Course Note: Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.

A score between 681-720 on the SAT II test or on the Harvard Placement Test, AP 5, Spanish 30, or permission of course head.

FAS: Meets Foreign Lang Req: Spanish

SPANSH 40 (003)

Course ID: 125014
2025 Fall (4 Credits)

**Advanced Spanish Language I: Identity, History and Movement in Latin
American Narrative and Film**

MW 1200 PM - 0115 PM

Instructor Permission Required

Xiomara Feliberty Casiano

An advanced language and culture class that further develops linguistic competence using a region or regions of the Hispanic world as a focus for class discussion, grammar review, and an introduction to Hispanic social contexts and texts. Course materials may also include films, interviews, paintings, photography, music, selections from the press, as well as literary or historical readings. Frequent written and oral assignments, and a thorough review of grammar. Consult course website for current semester topics.

Course Note: Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.

A score between 681-720 on the SAT II test or on the Harvard Placement Test, AP 5, Spanish 30, or permission of course head.

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Spanish

FAS: Meets Foreign Lang Req: Spanish

SPANSH 40 (003)

Course ID: 125014
2026 Spring (4 Credits)

**Advanced Spanish Language I: Identity, History and Movement in Latin
American Narrative and Film**

MWF 0130 PM - 0245 PM

Instructor Permission Required

Xiomara Feliberty Casiano

An advanced language and culture class that further develops linguistic competence using a region or regions of the Hispanic world as a focus for class discussion, grammar review, and an introduction to Hispanic social contexts and texts. Course materials may also include films, interviews, paintings, photography, music, selections from the press, as well as literary or historical readings. Frequent written and oral assignments, and a thorough review of grammar. Consult course website for current semester topics.

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A score between 681-720 on the SAT II test or on the Harvard Placement Test, AP 5, Spanish 30, or permission of course head.

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Spanish

FAS: Meets Foreign Lang Req: Spanish

SPANSH 40 (004)

Course ID: 125014
2025 Fall (4 Credits)

**Advanced Spanish Language I: Identity, History and Movement in Latin
American Narrative and Film**

MW 0130 PM - 0245 PM

Instructor Permission Required

Xiomara Feliberty Casiano

An advanced language and culture class that further develops linguistic competence using a region or regions of the Hispanic world as a focus for class discussion, grammar review, and an introduction to Hispanic social contexts and texts. Course materials may also include films, interviews, paintings, photography, music, selections from the press, as well as literary or historical readings. Frequent written and oral assignments, and a thorough review of grammar. Consult course website for current semester topics.

Course Note: Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS

students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.

A score between 681-720 on the SAT II test or on the Harvard Placement Test, AP 5, Spanish 30, or permission of course head.

HCOL: Foreign Lang Citation: Spanish

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: Arts and Humanities

SPANSH 40 (004)

Advanced Spanish Language I: Identity, History and Movement in Latin American Narrative and Film

Course ID: 125014
2026 Spring (4 Credits)

MWF 1200 PM - 0115 PM

Instructor Permission Required

Xiomara Feliberty Casiano

An advanced language and culture class that further develops linguistic competence using a region or regions of the Hispanic world as a focus for class discussion, grammar review, and an introduction to Hispanic social contexts and texts. Course materials may also include films, interviews, paintings, photography, music, selections from the press, as well as literary or historical readings. Frequent written and oral assignments, and a thorough review of grammar. Consult course website for current semester topics.

Course Note: Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.

A score between 681-720 on the SAT II test or on the Harvard Placement Test, AP 5, Spanish 30, or permission of course head.

HCOL: Foreign Lang Citation: Spanish

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: Arts and Humanities

SPANSH 40 (005)

Advanced Spanish Language I: Identity, History and Movement in Latin American Narrative and Film

Course ID: 125014
2025 Fall (4 Credits)

MW 1200 PM - 0115 PM

Instructor Permission Required

Xiomara Feliberty Casiano

An advanced language and culture class that further develops linguistic competence using a region or regions of the Hispanic world as a focus for class discussion, grammar review, and an introduction to Hispanic social contexts and texts. Course materials may also include films, interviews, paintings, photography, music, selections from the press, as well as literary or historical readings. Frequent written and oral assignments, and a thorough review of grammar. Consult course website for current semester topics.

Course Note: Conducted in Spanish. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. Upon the recommendation of the course head, students who have performed at a superior level in this course may enroll in any course for which they are linguistically prepared. This course is taught by members of the Department.

A score between 681-720 on the SAT II test or on the Harvard Placement Test, AP 5, Spanish 30, or permission of course head.

HCOL: Foreign Lang Citation: Spanish

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: Arts and Humanities

SPANSH 49H

Linguaging and the Latinx identities

Course ID: 109820
2025 Fall (4 Credits)

TR 1200 PM - 0115 PM

Instructor Permission Required

Maria Parra-Velasco

This course builds on students' knowledge of Spanish to explore the relationship between their languaging practices and their Latinx identities. Understanding languages as a way of knowing and meaning making, we use a variety of texts, genres, music, videos, films and visual arts to engage in discussions about family heritage, migration, and Latinx cultural and linguistic traditions and innovations. Students will strengthen their oral and written abilities, expand their interpersonal, interpretive and performative resources for languaging in informal and academic contexts.

Course Note: Spanish 49h was formerly Spanish 35; therefore, students cannot take 49h if they've already taken 35. Spanish 49h should be a prerequisite for 59h (or permission of the instructor).

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Spanish

SPANSH 50

Advanced Spanish II: Creative Writing and Performance

TR 1030 AM - 1145 AM

Adriana Gutierrez

Course ID: 115920

2025 Fall (4 Credits)

Instructor Permission Required

An advanced language course designed to strengthen and develop competence in written expression. Close reading of texts in literary and non-literary genres will help students refine personal style. The performance of short excerpts of plays, combined with advanced work on oral expression and phonetics, will help students increase their fluency and ease of expression.

Course Note: Conducted in Spanish. Recommended for concentrators. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.

A score between 721-750 on the SAT II test or on the Harvard Placement Test, Spanish 40, or permission of course head.

HCOL: Foreign Lang Citation: Spanish

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: Arts and Humanities

SPANSH 50

Advanced Spanish II: Creative Writing and Performance

TR 1030 AM - 1145 AM

Adriana Gutierrez

Course ID: 115920

2026 Spring (4 Credits)

Instructor Permission Required

An advanced language course designed to strengthen and develop competence in written expression. Close reading of texts in literary and non-literary genres will help students refine personal style. The performance of short excerpts of plays, combined with advanced work on oral expression and phonetics, will help students increase their fluency and ease of expression.

Course Note: Conducted in Spanish. Recommended for concentrators. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.

A score between 721-750 on the SAT II test or on the Harvard Placement Test, Spanish 40, or permission of course head.

HCOL: Foreign Lang Citation: Spanish

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Spanish

SPANSH 50 (002)

Advanced Spanish II: Creative Writing and Performance

TR 1200 PM - 0115 PM

Adriana Gutierrez

Course ID: 115920

2025 Fall (4 Credits)

Instructor Permission Required

An advanced language course designed to strengthen and develop competence in written expression. Close reading of texts in literary and non-literary genres will help students refine personal style. The performance of short excerpts of plays, combined with advanced work on oral expression and phonetics, will help students

increase their fluency and ease of expression.

Course Note: Conducted in Spanish. Recommended for concentrators. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.

A score between 721-750 on the SAT II test or on the Harvard Placement Test, Spanish 40, or permission of course head.

HCOL: Foreign Lang Citation: Spanish

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: Arts and Humanities

SPANSH 50 (002)

Course ID: 115920

Advanced Spanish II: Creative Writing and Performance

2026 Spring (4 Credits)

TR 1200 PM - 0115 PM

Instructor Permission Required

Adriana Gutierrez

An advanced language course designed to strengthen and develop competence in written expression. Close reading of texts in literary and non-literary genres will help students refine personal style. The performance of short excerpts of plays, combined with advanced work on oral expression and phonetics, will help students increase their fluency and ease of expression.

Course Note: Conducted in Spanish. Recommended for concentrators. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.

A score between 721-750 on the SAT II test or on the Harvard Placement Test, Spanish 40, or permission of course head.

FAS: Meets Foreign Lang Req: Spanish

HCOL: Foreign Lang Citation: Spanish

FAS Divisional Distribution: Arts and Humanities

SPANSH 50 (003)

Course ID: 115920

Advanced Spanish II: Creative Writing and Performance

2025 Fall (4 Credits)

TR 0130 PM - 0245 PM

Instructor Permission Required

Adriana Gutierrez

An advanced language course designed to strengthen and develop competence in written expression. Close reading of texts in literary and non-literary genres will help students refine personal style. The performance of short excerpts of plays, combined with advanced work on oral expression and phonetics, will help students increase their fluency and ease of expression.

Course Note: Conducted in Spanish. Recommended for concentrators. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.

A score between 721-750 on the SAT II test or on the Harvard Placement Test, Spanish 40, or permission of course head.

HCOL: Foreign Lang Citation: Spanish

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: Arts and Humanities

SPANSH 50 (003)

Course ID: 115920

Advanced Spanish II: Creative Writing and Performance

2026 Spring (4 Credits)

TR 0130 PM - 0245 PM

Instructor Permission Required

Adriana Gutierrez

An advanced language course designed to strengthen and develop competence in written expression. Close reading of texts in literary and non-literary genres will help students refine personal style. The performance of short excerpts of plays, combined with advanced work on oral expression and phonetics, will help students increase their fluency and ease of expression.

Course Note: Conducted in Spanish. Recommended for concentrators. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.

A score between 721-750 on the SAT II test or on the Harvard Placement Test, Spanish 40, or permission of course head.

FAS: Meets Foreign Lang Req: Spanish

HCOL: Foreign Lang Citation: Spanish

FAS Divisional Distribution: Arts and Humanities

SPANSH 50 (004)

Course ID: 115920

Advanced Spanish II: Creative Writing and Performance

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Adriana Gutierrez

An advanced language course designed to strengthen and develop competence in written expression. Close reading of texts in literary and non-literary genres will help students refine personal style. The performance of short excerpts of plays, combined with advanced work on oral expression and phonetics, will help students increase their fluency and ease of expression.

Course Note: Conducted in Spanish. Recommended for concentrators. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.

A score between 721-750 on the SAT II test or on the Harvard Placement Test, Spanish 40, or permission of course head.

HCOL: Foreign Lang Citation: Spanish

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Spanish

SPANSH 59

Course ID: 115919

Spanish and the Community

2025 Fall (4 Credits)

TR 0900 AM - 1015 AM

Instructor Permission Required

Maria Parra-Velasco

An advanced language course that examines the richness and complexity of the Latino experience in the US while promoting community engagement as a vehicle for greater linguistic fluency and cultural understanding. Students are placed with community organizations within the Boston area and volunteer for three hours a week. Classwork focuses on expanding students' oral and written proficiency in Spanish through discussing and analyzing readings, arts, and films by and about Latinos in the US.

Course Note: Not open to auditors. Submitting the course application form on time is required to enroll.

A score between 721-750 on the SAT II test or on the Harvard Placement Test, Spanish 50 or permission of course head.

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Spanish

SPANSH 59

Course ID: 115919

Spanish and the Community

2026 Spring (4 Credits)

TR 0900 AM - 1015 AM

Instructor Permission Required

Maria Parra-Velasco

An advanced language course that examines the richness and complexity of the Latino experience in the US while promoting community engagement as a vehicle for greater linguistic fluency and cultural understanding. Students are placed with community organizations within the Boston area and volunteer for three hours a week. Classwork focuses on expanding students' oral and written proficiency in Spanish through discussing and analyzing readings, arts, and films by and about Latinos in the US.

Course Note: Not open to auditors. Submitting the course application form on time is required to enroll.

A score between 721-750 on the SAT II test or on the Harvard Placement Test, Spanish 50 or permission of course head.

FAS: Meets Foreign Lang Req: Spanish
FAS Divisional Distribution: Arts and Humanities
HCOL: Foreign Lang Citation: Spanish

SPANSH 59H

Course ID: 159938
2026 Spring (4 Credits)

Spanish for Latino Students II: Connecting with Communities

TR 1200 PM - 0115 PM

Instructor Permission Required

Maria Parra-Velasco

An advanced language course for Spanish heritage learners that aims to strengthen students' Spanish oral and written capabilities through civic engagement with Latinx communities; and to further develop students' critical language and social awareness around important issues for Latinos in our globalized era: U.S.-Latin American relations, migration, bilingualism and education, ethnic studies and social justice and health disparities. Students explore these topics through various genres (newspapers and academic articles, debates, literary essays, short novels, poetry, visual art, film and music) and through three hours a week of community service.

Course Note: Not open to auditors. Submitting the course application form on time is required to enroll.

Spanish 49H recommended (but not required).

HCOL: Foreign Lang Citation: Portuguese
FAS Divisional Distribution: Arts and Humanities
FAS: Meets Foreign Lang Req: Spanish

SPANSH 61N

Course ID: 127573
2025 Fall (4 Credits)

The Ethics of Business in Latin America

TR 1030 AM - 1145 AM

Instructor Permission Required

Adriana Gutierrez

An advanced language and culture class that examines literature and films portraying the political, sociological, financial and environmental impact of multinational companies doing business in Latin America. Students' linguistic competency is developed through discussion of the ethics of business, grammar reviews, and weekly writing assignments. Students will also choose a specific project for a business in Latin America and research its possible outcome and social, political, and environmental consequences.

Course Note: Not open to auditors. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students.

A score between 751 and 780 on the SAT II test or Harvard Placement test, a Spanish 50-level course, or permission of course head. Students are allowed to take a maximum of two courses at the 60-level in Spanish, not including Spanish 60.

FAS Divisional Distribution: Arts and Humanities
FAS: Meets Foreign Lang Req: Spanish
HCOL: Foreign Lang Citation: Spanish

SPANSH 61N (002)

Course ID: 127573
2025 Fall (4 Credits)

The Ethics of Business in Latin America

TR 0130 PM - 0245 PM

Instructor Permission Required

Adriana Gutierrez

An advanced language and culture class that examines literature and films portraying the political, sociological, financial and environmental impact of multinational companies doing business in Latin America. Students' linguistic competency is developed through discussion of the ethics of business, grammar reviews, and weekly writing assignments. Students will also choose a specific project for a business in Latin America and research its possible outcome and social, political, and environmental consequences.

Course Note: Not open to auditors. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students.

A score between 751 and 780 on the SAT II test or Harvard Placement test, a Spanish 50-level course, or permission of course head. Students are allowed to take a maximum of two courses at the 60-level in Spanish, not including Spanish 60.

FAS: Meets Foreign Lang Req: Spanish

SPANSH 61N (003)

Course ID: 127573
2025 Fall (4 Credits)

The Ethics of Business in Latin America

TR 1200 PM - 0115 PM

Instructor Permission Required

Adriana Gutierrez

An advanced language and culture class that examines literature and films portraying the political, sociological, financial and environmental impact of multinational companies doing business in Latin America. Students' linguistic competency is developed through discussion of the ethics of business, grammar reviews, and weekly writing assignments. Students will also choose a specific project for a business in Latin America and research its possible outcome and social, political, and environmental consequences.

Course Note: Not open to auditors. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students.

A score between 751 and 780 on the SAT II test or Harvard Placement test, a Spanish 50-level course, or permission of course head. Students are allowed to take a maximum of two courses at the 60-level in Spanish, not including Spanish 60.

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Spanish

HCOL: Foreign Lang Citation: Spanish

SPANSH 61PH

Course ID: 205383
2026 Spring (4 Credits)

Spanish for Public Health

TR 1200 PM - 0115 PM

Instructor Permission Required

Adriana Gutierrez

An advanced language and culture class that examines literature, documentary, films, journalistic articles and other media portraying the cultural, political, sociological and financial impact of Public Health issues in Latin America. Students' linguistic competency is developed through discussion of the issues of public health. Grammar reviews, and weekly writing assignments. Students will also choose a specific project for a Public Health issue in Latin America and research its possible outcome and cultural, social, political, economic consequences.

Course Note: Not open to auditors. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students.

Prerequisite: A score between 751 and 780 on the SAT II test or Harvard Placement test, a Spanish 50-level course, or permission of course head. Students are allowed to take a maximum of two courses at the 60-level in Spanish, not including Spanish 60.

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Spanish

SPANSH 61PH (002)

Course ID: 205383
2026 Spring (4 Credits)

Spanish for Public Health

TR 0130 PM - 0245 PM

Instructor Permission Required

Adriana Gutierrez

An advanced language and culture class that examines literature, documentary, films, journalistic articles and other media portraying the cultural, political, sociological and financial impact of Public Health issues in Latin America. Students' linguistic competency is developed through discussion of the issues of public health. Grammar reviews, and weekly writing assignments. Students will also choose a specific project for a Public Health issue in Latin America and research its possible outcome and cultural, social, political, economic consequences.

Course Note: Not open to auditors. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students.

Prerequisite: A score between 751 and 780 on the SAT II test or Harvard Placement test, a Spanish 50-level course, or permission of course head. Students are allowed to take a maximum of two courses at the 60-level in Spanish, not including Spanish 60.

FAS Divisional Distribution: Arts and Humanities

SPANSH 61PH (003)

Spanish for Public Health

TR 1200 PM - 0115 PM

Adriana Gutierrez

Course ID: 205383

2026 Spring (4 Credits)

Instructor Permission Required

An advanced language and culture class that examines literature, documentary, films, journalistic articles and other media portraying the cultural, political, sociological and financial impact of Public Health issues in Latin America. Students' linguistic competency is developed through discussion of the issues of public health. Grammar reviews, and weekly writing assignments. Students will also choose a specific project for a Public Health issue in Latin America and research its possible outcome and cultural, social, political, economic consequences.

Course Note: Not open to auditors. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students.

Prerequisite: A score between 751 and 780 on the SAT II test or Harvard Placement test, a Spanish 50-level course, or permission of course head. Students are allowed to take a maximum of two courses at the 60-level in Spanish, not including Spanish 60.

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Spanish

SPANSH 70

Introduction to Latin American Studies: Aesthetics, Politics, and Anxieties

TR 1200 PM - 0115 PM

Alejandra Vela Martinez

Course ID: 116263

2025 Fall (4 Credits)

Instructor Permission Required

The photographic installations of the Mothers of the Plaza de Mayo, the debates sparked by the farcical intervention in images of national heroes like Emiliano Zapata, or even the hyper-aestheticization of narco culture on social media, in films, and series, all serve as evidence that the politics of a region cannot be understood without its art, literature, and culture. In the recent history of Latin America, there are multiple instances where aesthetics and politics have intertwined in order to create and find new meanings for the issues plaguing the region. If a citizen participates in both the action of being governed and the action of governing, there is no doubt that aesthetics, understood as the formal exploration of the distribution of the sensible, as Rancière would say, is a productive space for analysis to understand Latin American intellectual and political traditions. In this course, we will panoramically explore the relationship between aesthetics and politics throughout the 19th, 20th, and 21st centuries in Latin America. By studying cinema, literature, art, music, and more, the objective is to offer students an approach to how art and culture bear witness, often in a more visceral and affective way than is possible from a purely historiographical or sociological approach, to what politics cannot resolve. We will analyze and discuss Latin American productions based on key aesthetic concepts (manifesto, declamation, performance, documentary, etc.), in order to trace and outline the anxieties plaguing both art and contemporary Latin American criticism.

Course Note: Conducted in Spanish.

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: Arts and Humanities

SPANSH 70B

Hispanic Literature of the Golden Age

No meeting time listed

Luis Giron Negrón

Course ID: 110578

2026 Spring (4 Credits)

Introduction to the genres of poetry, drama and narrative prose (fiction and non-fiction) of Spain in the 16th and 17th centuries. Close reading of representative texts with attention to the emerging literary languages of this period of national consolidation, global expansion, religious ferment, and political dissent against the Inquisition. Explores themes of love, honor, identity, war, death, spirituality in works by Garcilaso, San Juan de la Cruz, Cervantes, Quevedo, Calderón and others.

Course Note: Conducted in Spanish.

Open to students with a score of 750 on the Harvard Placement test or who have successfully completed a 40- or 50-level course in Spanish, or with the permission of the instructor.

SPANSH 72

Introduction to Contemporary Spanish History, Literature and Culture

Course ID: 207836
2025 Fall (4 Credits)

WF 1030 AM - 1145 AM

Instructor Permission Required

Raquel Vega-Duran

This course introduces students to the literature, history, and visual culture of contemporary Spain (from the 19th century through the first twenty years of the 21st century). We will study representative short stories, poems, plays, novellas, essays, paintings, photographs, and films from the Spanish War of Independence, the "disaster" of 1898, the Surrealist movement (with a visit to the Fogg Museum), the Spanish Civil War and the Republican Exile, Franco's Dictatorship and the Transition to Democracy, the "Movida Madrileña," and the literature of immigrants and "new" Spaniards. Through visual and written works by Goya, Bécquer, Pardo Bazán, Unamuno, Lorca, Campoamor, Machado, Dalí, Buñuel, Picasso, Laforet, Aub, Almodóvar, Zhou Wu, El Hachmi, and others, students will gain a general knowledge and appreciation for main works, periods, and authors of contemporary Spain, and will appreciate the uniqueness and diversity of Spanish culture by establishing transnational relations between Spain and Latin America, North Africa, Asia, and Europe. All readings will be in Spanish, although we will look at texts originally written in Spanish, Catalan, Galician, and Basque.

Course Note: Taught in Spanish.

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: Arts and Humanities

SPANSH 80T

Words of Which History is Made: Translation Workshop on 20th-Century Spain

Course ID: 126860
2025 Fall (4 Credits)

W 0300 PM - 0500 PM

Instructor Permission Required

Daniel Aguirre-Oteiza

Through close readings and translations centering on 20th-century Spanish history and society, students hone their linguistic, grammatical, and stylistic skills, and acquire the interpretive skills required to comprehend and analyze increasingly complex literary and cultural texts. Course materials include short stories, poems, newspaper articles, memoirs, travel journals and historical essays.

Course Note: Conducted in Spanish. Recommended for concentrators.

A score of 800 on the SAT II test or on the Harvard Placement test, a previous course in Spanish at the 70-level, or permission of course head.

HCOL: Foreign Lang Citation: Spanish

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: Arts and Humanities

SPANSH 80TS

Translating Boundaries in Modern Spain

Course ID: 216092
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Daniel Aguirre-Oteiza

A follow-up course to Span 80t, Span 80ts continues our historical, social, cultural, literary, and linguistic journey through modern Spain by focusing on texts that foreground territorial and national debates. Through close readings and translations centering mainly on 20th-century Spanish history and society, this translation workshop helps students hone their linguistic, grammatical, and stylistic skills, and acquire the interpretive skills required to comprehend and analyze increasingly complex literary and cultural texts.

FAS: Meets Foreign Lang Req: Spanish

HCOL: Foreign Lang Citation: French

FAS Divisional Distribution: Arts and Humanities

SPANSH 91R

Supervised Reading and Research

Course ID: 110852

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Maria Parra-Velasco

Tutorial supervision of research on subjects not treated in regular courses.

Course Note: Limited to juniors and seniors. Students wishing to enroll must petition the Undergraduate Adviser in Spanish for approval, stating the proposed project, and must have the consent of the proposed instructor. Ordinarily, students are required to have taken some course work in the area as background for their project. May not be taken more than twice, and only once for concentration credit.

This course is taught by members of the Department.

HCOL: Foreign Lang Citation: Spanish

FAS Divisional Distribution: Arts and Humanities

SPANSH 91R

Supervised Reading and Research

Course ID: 110852

2026 Spring (4 Credits)

No meeting time listed

Maria Parra-Velasco

Tutorial supervision of research on subjects not treated in regular courses.

Course Note: Limited to juniors and seniors. Students wishing to enroll must petition the Undergraduate Adviser in Spanish for approval, stating the proposed project, and must have the consent of the proposed instructor. Ordinarily, students are required to have taken some course work in the area as background for their project. May not be taken more than twice, and only once for concentration credit.

This course is taught by members of the Department.

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Spanish

SPANSH 99A

Tutorial - Senior Year

Course ID: 117128

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Maria Parra-Velasco

For honors seniors writing a thesis. Part one of a two-part series.

Course Note: Successful completion of SPANSH 99A and SPANSH 99B is required of all thesis-track honors concentrators. Prior faculty approval of proposed senior thesis topic is also required. Students who do not complete a thesis are required to submit a substantial paper in order to receive course credit.

Full Year Course: Divisible Course

HCOL: Foreign Lang Citation: Spanish

FAS Divisional Distribution: Arts and Humanities

SPANSH 99B

Tutorial - Senior Year

Course ID: 159855

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Maria Parra-Velasco

For honors seniors writing a thesis. Part two of a two-part series.

Course Note: Successful completion of SPANSH 99A and SPANSH 99B is required of all thesis-track honors concentrators. Students who do not complete a thesis are required to submit a substantial paper in order to receive course credit.

Full Year Course: Divisible Course

FAS Divisional Distribution: Arts and Humanities

SPANSH 112

You Will Win, But You Won't Convince: Discussing the Spanish Civil War

R 0300 PM - 0500 PM

Daniel Aguirre-Oteiza

Course ID: 109772

2025 Fall (4 Credits)

Instructor Permission Required

Examines the Spanish Civil War (1936-39) as a key event for understanding the "causes" that have shaped 20th- and 21st-century Spanish culture and society within the context of recent Western history. Focus on the relation between memory, history, and representation in cultural works ranging from the years prior to the conflict up to the present (narrative, poetry, testimonies, memoirs, film, visual arts, comic books, etc.).

Course Note: Conducted in Spanish. This course is open to undergraduate students only.

Please note: This course is open to undergraduate students only.

A previous course in Spanish at the 60- or 70-level; 800 on the SAT II test or on the Harvard Placement test; or permission of the course head.

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Spanish

SPANSH 122

Spanish Film from Buñuel to Almodóvar

No meeting time listed

Raquel Vega-Duran

Course ID: 141012

2026 Spring (4 Credits)

Instructor Permission Required

This course will examine a wide range of core Spanish films from directors such as Almodóvar, Amenábar, Berlanga, Bollaín, Buñuel, Coixet, Erice, and León de Aranoa, among others. It will include analyses of prominent genres (drama, comedy, terror, fantasy, meta-cinema, sci-fi, noir) and will pay particular attention to key historical and cultural moments (the Spanish Civil War, film under dictatorship and democracy, censorship, "La movida," the economic crisis, the rise of immigration, etc.) from the 1940s to the present. Films with subtitles.

Course Note: Course will be conducted in Spanish.

FAS: Meets Foreign Lang Req: Spanish

FAS Divisional Distribution: Arts and Humanities

SPANSH 143

Historiographical Fictions: History as Literature in 19th Century Latin America

R 0945 AM - 1145 AM

Alejandro Quintero Machler

Course ID: 226308

2025 Fall (4 Credits)

Instructor Permission Required

Latin American Historiography was born, properly speaking, in the first decades of the 19th century. Having achieved independence from the Spanish crown, the newfangled republics were in dire need of a unifying discourse capable of weaving together history, identity, and political legitimacy. Each post-colonial state endeavored to articulate a coherent narrative that would cement its status as a nation, recognizable across the ages. The difficulties entailed in erecting such 'foundational fictions' were daunting, and Latin American historians, regardless of their ideology, drew on their ample literary skills to solve them. Their oeuvre, often epic in style and overwhelming in scholarship, offers a window into that nation-building era in which the boundaries between history and literature were still porous and undefined. This course serves as an introduction to 19th century Latin American historiography and its intimate but problematic relationship with literature. In analyzing these historical masterpieces, students will become acquainted with their virtues, shortcomings, and lasting impact while discovering the complicated history they portray. In order to do so, the course will combine close-readings of the historiographical canon with pertinent secondary literature on the topic, such as Karl Löwith, Hayden White, Ivan Jablonka, and Germán Colmenares, among others.

FAS Divisional Distribution: Arts and Humanities

Migration and Border-Crossing in Film and Photography

WF 1200 PM - 0115 PM

Raquel Vega-Duran

From an interdisciplinary perspective, this course explores the ways in which film and photography recount past and present human migrations, and how they contribute to and question the construction of the social imaginary of the migrant. Focusing on migrations particularly related to Spanish-speaking countries, we will examine themes such as "global" vs. "local"; conceptions of hybridity, otherness, belonging, border, assimilation, and neo-racism; the paradoxical nature of the "migrant"; the role of history, language, religion, and culture in the acceptance and rejection of foreigners; the relationship between border and identity; the feminization of migrations; the use of the term "illegal" in relation to migrations; and the emergence of "new" identities; among others. We will learn how to analyze the complexities of film and photography, considering movies, documentaries, photographs, and other visual materials which cover past and present migrations from Africa, America, Asia, and Europe. We will also study the history of migrations, and will examine the intricacies of the concept of migrant (as both emigrant and immigrant), paying particular attention to the different stages of migrants' journeys (the departure from the home country; the crossing of transit countries and borders; the arrival; and the settlement or forced deportation). No previous knowledge of film or photography required.

Course Note: The course will be conducted in Spanish.

FAS Divisional Distribution: Arts and Humanities

Foundational Fiction and Film*No meeting time listed**Doris Sommer*

Through novels that helped to consolidate nation-states in Latin America, explores modernity as personal and public lessons in laissez-faire. Sequels in film, telenovelas, performances show tenacity of genre. Links between creativity and citizenship. Theorists include Anderson, Foucault, Arendt, Lukacs, Flaubert.

Course Note: Conducted in Spanish.

HCOL: Foreign Lang Citation: Spanish

FAS Divisional Distribution: Arts and Humanities

Eloquent Instruments of God: Catholic Intellectuals in Latin America*No meeting time listed**Instructor Permission Required**Alejandro Quintero Machler*

In the course of five hundred years, the region now referred to as Latin America went from being the target of one of the most comprehensive evangelizing projects ever attempted, to becoming the Catholic Church's strongest bastion. Far from static or monolithic, the richness, variety, and controversial character of such a long-lasting presence is reflected in the history of Latin American thought: among the many intellectuals influenced by Catholicism, one finds prophetic crusaders, poetic nuns, pious indigenists, radical liberals, reactionary antimoderns, authoritarian politicians, conservative feminists, ecclesiastical fascists, left-wing revolutionaries, and even a Pope. Catholicism has been, throughout the centuries, a never-ending source of inspiration for all sorts of intellectual traditions in the region. The objective of this course is to introduce students to Catholicism's deep and lingering imprint in Latin America by means of a close-reading approach to some of its main intellectual figures, from the 15th century to the 21st. More than an institutional history of the Church, the course offers a survey of Latin American Catholic thought across the ages, focusing on its unceasing dynamism and intellectual heterogeneity. In terms of assigned readings, in-depth analysis of primary sources will be accompanied by contextualizing secondary literature.

Narratives of Environmental Crisis: Eco-Affective Imaginings in Contemporary Latin America

T 0300 PM - 0500 PM

Can narrative imagination affect our relationship with the world we inhabit? In the face of the global socio-environmental crisis caused by extractivist policies and the manipulation of the temporalities of nature, contemporary Latin American novels represent instances of resistance to capitalist exploitation and alternative ways of relating with the environment. In order to explore what I call eco-affective imaginings, we will read novels written and published in Argentina, Uruguay, and Chile whose central characters confront, domesticate or reconcile with nature (from Samantha Schweblin's *Distancia de rescate* and Mike Wilson's *Leñador* to Fernanda Trias' *Mugre Rosa* and Gabriela Cabezón Cámara's *Las Aventuras de la China Iron*, and *Las niñas del naranjel*). Our interdisciplinary approach to the political nature of these fictions will allow us to foreground literature's potential to activate eco-affective practices, imagine new ways of inhabiting the world, explore the power of critical thought to intervene in contemporary societal debates and engage in the collective construction of the present.

Course Note: This course will be taught in Spanish.

This course will be taught by Prof. Alejandra Laera.

FAS Divisional Distribution: Arts and Humanities

SPANSH 237

Mining the Archive: Critical Obsolescence in Contemporary Latin American Literature

M 0300 PM - 0500 PM

Alejandra Vela Martinez

In the fast-paced world of literary production and reception, a work may be considered intellectually "consumed" almost as soon as it is published. In this course we'll look at recent Latin American literature that establishes a sometimes productive, other times disruptive relationship with archives and criticism, in contrast to previous works that have delved into the archives for their literary production. Delving into the pressures and challenges faced by contemporary Latin American authors such as Jazmina Barrera, Mariana Enriquez, Fernando Vallejo, among others, as they navigate the dual demands of producing literature that is both critically relevant and culturally resonant, amidst the backdrop of archival extractivism and a fast-evolving literary landscape, the course will offer a panoramic approximation to how intertwined literary production and literary criticism can be, and the consequences this has on both the literary field and academia. The combined concepts of critical obsolescence and archival mining aim to explore how these forces impact the creation, reception, and interpretation of literature in Latin America. Authors seem to find themselves negotiating between the vast historical and cultural tapestries available through the regions' archives and the demands for fresh, relevant narratives in a global literary market. This places a particular type of pressure on authors and critics in Latin America to continuously innovate or react to new developments, which can render previous interpretations quickly obsolete, but that also assume certain tightness in regard to the possibilities of the hermeneutical process itself.

FAS Divisional Distribution: Arts and Humanities

SPANSH 270

The Warning in its Music: Politics of the Poem in 20th Century Spain

No meeting time listed

Daniel Aguirre-Oteiza

An exploration of the fraught connection between political engagement and textual innovation in poetry written in and about 20th Century Spain. Discussion of key texts by Aub, Castro, Cernuda, Conde, Darío, Lorca, Machado, Neruda, Vallejo, among others. Focus on topics such as violence, testimony, memory, exile. Theoretical and critical readings include essays by Adorno, Celan, Guillén, Paz, Said.

Course Note: Conducted in Spanish.

FAS Divisional Distribution: Arts and Humanities

SPANSH 320

Spanish and Hispanic-American Literature: Supervised Reading and Research

No meeting time listed

Daniel Aguirre-Oteiza

Course ID: 143013

2025 Fall (4 Credits)

Instructor Permission Required

SPANSH 320 (002) Spanish and Hispanic-American Literature: Supervised Reading and Research <i>No meeting time listed</i> <i>Raquel Vega-Duran</i>	Course ID: 143013 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
SPANSH 320 (002) Spanish and Hispanic-American Literature: Supervised Reading and Research <i>No meeting time listed</i> <i>Daniel Aguirre-Oteiza</i>	Course ID: 143013 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
SPANSH 320 (006) Spanish and Hispanic-American Literature: Supervised Reading and Research <i>No meeting time listed</i> <i>Luis Giron Negron</i>	Course ID: 143013 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
SPANSH 320 (006) Spanish and Hispanic-American Literature: Supervised Reading and Research <i>No meeting time listed</i> <i>Luis Giron Negron</i>	Course ID: 143013 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
SPANSH 320 (007) Spanish and Hispanic-American Literature: Supervised Reading and Research <i>No meeting time listed</i> <i>Mariano Siskind</i>	Course ID: 143013 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
SPANSH 320 (007) Spanish and Hispanic-American Literature: Supervised Reading and Research <i>No meeting time listed</i> <i>Mariano Siskind</i>	Course ID: 143013 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
SPANSH 320 (008) Spanish and Hispanic-American Literature: Supervised Reading and Research <i>No meeting time listed</i> <i>Doris Sommer</i>	Course ID: 143013 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
SPANSH 320 (008) Spanish and Hispanic-American Literature: Supervised Reading and Research <i>No meeting time listed</i> <i>Doris Sommer</i>	Course ID: 143013 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
SPANSH 330 Direction of Doctoral Dissertations <i>No meeting time listed</i>	Course ID: 111278 2025 Fall (4 Credits) <i>Instructor Permission Required</i>

FAS Divisional Distribution: None

SPANSH 330 (002)

Direction of Doctoral Dissertations

No meeting time listed

Josiah Blackmore

Course ID: 111278

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SPANSH 330 (002)

Direction of Doctoral Dissertations

No meeting time listed

Josiah Blackmore

Course ID: 111278

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SPANSH 330 (003)

Direction of Doctoral Dissertations

No meeting time listed

Bruno Carvalho

Course ID: 111278

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SPANSH 330 (003)

Direction of Doctoral Dissertations

No meeting time listed

Bruno Carvalho

Course ID: 111278

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SPANSH 330 (005)

Direction of Doctoral Dissertations

No meeting time listed

Daniel Aguirre-Oteiza

Course ID: 111278

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SPANSH 330 (007)

Direction of Doctoral Dissertations

No meeting time listed

Luis Giron Negron

Course ID: 111278

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SPANSH 330 (007)

Direction of Doctoral Dissertations

No meeting time listed

Luis Giron Negron

Course ID: 111278
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SPANSH 330 (008)

Direction of Doctoral Dissertations

No meeting time listed

Mariano Siskind

Course ID: 111278
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SPANSH 330 (008)

Direction of Doctoral Dissertations

No meeting time listed

Mariano Siskind

Course ID: 111278
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SPANSH 330 (009)

Direction of Doctoral Dissertations

No meeting time listed

Doris Sommer

Course ID: 111278
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SPANSH 330 (009)

Direction of Doctoral Dissertations

No meeting time listed

Doris Sommer

Course ID: 111278
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

French

FRENCH 10

Course ID: 126933
2025 Fall (4 Credits)

Beginning French I: Cross-Cultural Encounters in French

MTWR 0900 AM - 1015 AM

Instructor Permission Required

Nicole Mills

This beginning French course addresses the theme of cross-cultural encounters in French through engagement in the discussion and interpretation of texts, art, images, and film. You will gain an introduction to the French language with emphasis on interpersonal communication and the interpretation and production of language in written and oral forms. You will engage in interactive communicative activities that provide rich exposure to the French language and francophone culture(s). Class sessions will be filled with ample opportunities for interaction and communication and online assignments will develop your interpretive and presentational skills in French on various platforms.

Course Note: French 10 is an elementary French course for students with little or no knowledge of French. French 10 may count toward the language requirement. Open to students who have not previously studied French or who have scored below 250 on the Harvard placement exam. Students who have studied French for two years or more in secondary school must begin at French 11 or higher. May not be taken Pass/Fail. Not open to auditors. Graduate students may take the course Sat/Unsat with permission of course head. French 10 is taught by members of the Department.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: French

FRENCH 10

Course ID: 126933
2026 Spring (4 Credits)

Beginning French I: Cross-Cultural Encounters in French

MTWR 0900 AM - 1015 AM

Instructor Permission Required

Nicole Mills

This beginning French course addresses the theme of cross-cultural encounters in French through engagement in the discussion and interpretation of texts, art, images, and film. You will gain an introduction to the French language with emphasis on interpersonal communication and the interpretation and production of language in written and oral forms. You will engage in interactive communicative activities that provide rich exposure to the French language and francophone culture(s). Class sessions will be filled with ample opportunities for interaction and communication and online assignments will develop your interpretive and presentational skills in French on various platforms.

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FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: French

FRENCH 10 (002)

Course ID: 126933
2025 Fall (4 Credits)

Beginning French I: Cross-Cultural Encounters in French

MTWR 1030 AM - 1145 AM

Instructor Permission Required

Nicole Mills

This beginning French course addresses the theme of cross-cultural encounters in French through engagement in the discussion and interpretation of texts, art, images, and film. You will gain an introduction to the French language with emphasis on interpersonal communication and the interpretation and production of language in written and oral forms. You will engage in interactive communicative activities that provide rich exposure to the French language and francophone culture(s). Class sessions will be filled with ample opportunities for interaction and communication and online assignments will develop your interpretive and presentational skills in French on various platforms.

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French or who have scored below 250 on the Harvard placement exam. Students who have studied French for two years or more in secondary school must begin at French 11 or higher. May not be taken Pass/Fail. Not open to auditors. Graduate students may take the course Sat/Unsat with permission of course head. French 10 is taught by members of the Department.

FAS: Meets Foreign Lang Req: French

FAS Divisional Distribution: None

FRENCH 10 (002)

Course ID: 126933

Beginning French I: Cross-Cultural Encounters in French

2026 Spring (4 Credits)

MTWR 1200 PM - 0115 PM

Instructor Permission Required

Nicole Mills

This beginning French course addresses the theme of cross-cultural encounters in French through engagement in the discussion and interpretation of texts, art, images, and film. You will gain an introduction to the French language with emphasis on interpersonal communication and the interpretation and production of language in written and oral forms. You will engage in interactive communicative activities that provide rich exposure to the French language and francophone culture(s). Class sessions will be filled with ample opportunities for interaction and communication and online assignments will develop your interpretive and presentational skills in French on various platforms.

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FAS: Meets Foreign Lang Req: French

FAS Divisional Distribution: None

FRENCH 10 (003)

Course ID: 126933

Beginning French I: Cross-Cultural Encounters in French

2025 Fall (4 Credits)

MTWR 1200 PM - 0115 PM

Instructor Permission Required

Nicole Mills

This beginning French course addresses the theme of cross-cultural encounters in French through engagement in the discussion and interpretation of texts, art, images, and film. You will gain an introduction to the French language with emphasis on interpersonal communication and the interpretation and production of language in written and oral forms. You will engage in interactive communicative activities that provide rich exposure to the French language and francophone culture(s). Class sessions will be filled with ample opportunities for interaction and communication and online assignments will develop your interpretive and presentational skills in French on various platforms.

Course Note: French 10 is an elementary French course for students with little or no knowledge of French. French 10 may count toward the language requirement. Open to students who have not previously studied French or who have scored below 250 on the Harvard placement exam. Students who have studied French for two years or more in secondary school must begin at French 11 or higher. May not be taken Pass/Fail. Not open to auditors. Graduate students may take the course Sat/Unsat with permission of course head. French 10 is taught by members of the Department.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: French

FRENCH 11

Course ID: 126935

Beginning French II: Paris in Virtual Reality

2025 Fall (4 Credits)

MWF 1200 PM - 0115 PM

Instructor Permission Required

Nicole Mills

This second course in the Beginning French sequence will immerse you in the French language and Parisian life. You will discuss what it means to be Parisian from the point of view of diverse Parisians and compare real versus imagined perceptions of Paris through immersive virtual reality experiences and interactive discussions with native French speakers. Through the exploration of various course themes centered around Parisian

culture, you will begin to be able to speak and write in the past, present, and future tenses, make suggestions, express emotions, express opinions, extend, accept, and refuse invitations, give advice, and express hypothetical situations. Class sessions will be filled with ample opportunities for interaction and communication and online assignments will develop your interpretive and presentational skills in French.

Course Note: French 11 may count towards the language requirement. May not be taken Pass/Fail. Not open to auditors. Graduate students may take the course Sat/Unsat with the permission of course head. This course is taught by members of the Department.

Completion of French 10, or a score no lower than 251 and no higher than 300 on the Harvard placement exam.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: French

FRENCH 11

Beginning French II: Paris in Virtual Reality

MWF 1030 AM - 1145 AM

Nicole Mills

Course ID: 126935
2026 Spring (4 Credits)

Instructor Permission Required

This second course in the Beginning French sequence will immerse you in the French language and Parisian life. You will discuss what it means to be Parisian from the point of view of diverse Parisians and compare real versus imagined perceptions of Paris through immersive virtual reality experiences and interactive discussions with native French speakers. Through the exploration of various course themes centered around Parisian culture, you will begin to be able to speak and write in the past, present, and future tenses, make suggestions, express emotions, express opinions, extend, accept, and refuse invitations, give advice, and express hypothetical situations. Class sessions will be filled with ample opportunities for interaction and communication and online assignments will develop your interpretive and presentational skills in French.

Course Note: French 11 may count towards the language requirement. May not be taken Pass/Fail. Not open to auditors. Graduate students may take the course Sat/Unsat with the permission of course head. This course is taught by members of the Department.

Completion of French 10, or a score no lower than 251 and no higher than 300 on the Harvard placement exam.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: French

FRENCH 11 (002)

Beginning French II: Paris in Virtual Reality

MWF 1200 PM - 0115 PM

Nicole Mills

Course ID: 126935
2026 Spring (4 Credits)

Instructor Permission Required

This second course in the Beginning French sequence will immerse you in the French language and Parisian life. You will discuss what it means to be Parisian from the point of view of diverse Parisians and compare real versus imagined perceptions of Paris through immersive virtual reality experiences and interactive discussions with native French speakers. Through the exploration of various course themes centered around Parisian culture, you will begin to be able to speak and write in the past, present, and future tenses, make suggestions, express emotions, express opinions, extend, accept, and refuse invitations, give advice, and express hypothetical situations. Class sessions will be filled with ample opportunities for interaction and communication and online assignments will develop your interpretive and presentational skills in French.

Course Note: French 11 may count towards the language requirement. May not be taken Pass/Fail. Not open to auditors. Graduate students may take the course Sat/Unsat with the permission of course head. This course is taught by members of the Department.

Completion of French 10, or a score no lower than 251 and no higher than 300 on the Harvard placement exam.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: French

FRENCH 15

Intensive Beginning French: Parisian Culture & Life

MTWRF 1200 PM - 0115 PM

Nicole Mills

Course ID: 124332
2026 Spring (8 Credits)

Instructor Permission Required

This intensive Beginning French course provides an accelerated introduction to Beginning French with intensive work on interpersonal communication and interpreting and producing language in written and oral forms. Students explore diverse facets of Parisian life through the interpretation and exploration of photos, art, and film and through interactions with native French speakers. Students learn to speak and write in the past, present, and future, make descriptions, ask questions, make comparisons, accept and refuse invitations, give advice, and express hypothetical situations, emotions, and opinions.

Course Note: May not be taken Pass/Fail or Sat/Unsat. Not open to auditors. Students must participate in an interview with the French 15 course head and receive permission to enroll in the course. This course is taught by members of the Department.

An advanced knowledge of at least one foreign language, preferably a modern Romance language, but no previous study of French.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: French

FRENCH 15

Intensive Beginning French: Parisian Culture & Life

MTWRF 0900 AM - 1015 AM

Nicole Mills

Course ID: 124332
2025 Fall (8 Credits)

Instructor Permission Required

This intensive Beginning French course provides an accelerated introduction to Beginning French with intensive work on interpersonal communication and interpreting and producing language in written and oral forms. Students explore diverse facets of Parisian life through the interpretation and exploration of photos, art, and film and through interactions with native French speakers. Students learn to speak and write in the past, present, and future, make descriptions, ask questions, make comparisons, accept and refuse invitations, give advice, and express hypothetical situations, emotions, and opinions.

Course Note: May not be taken Pass/Fail or Sat/Unsat. Not open to auditors. Students must participate in an interview with the French 15 course head and receive permission to enroll in the course. This course is taught by members of the Department.

An advanced knowledge of at least one foreign language, preferably a modern Romance language, but no previous study of French.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: French

FRENCH 16

Reading, Understanding and Translating Written French for Research

TR 0900 AM - 1015 AM

Nicole Mills

Course ID: 111933
2025 Fall (4 Credits)

Instructor Permission Required

French 16 offers an introduction to reading and translating academic French texts for students who require a basic knowledge of French for research purposes. The course presents vocabulary and the principal structures of French grammar in a systematic and coherent order. The course begins with simple texts and advertisements, then moves to academic texts with more complex structures, and ends with the translation and analysis of literary works and philosophical texts. Students discuss the complexities of translation, consider what makes a "good translation," and experiment thoughtfully with AI tools. Course assignments are discipline-specific to accommodate students' research needs.

Course Note: Conducted in English. Not open to students with a score of 300 or above on the Harvard placement exam or 500 or above on the SAT II French exam, to those with more than one year of undergraduate French, or to auditors. May not be used to fulfill the language requirement and may not be taken Pass/Fail but may be taken Sat/Unsat by graduate students with permission from the course head. This course is taught by members of the Department. Course site: <https://locator.tlt.harvard.edu/course/colgsas-111933/2023/spring/16998>

Some previous study of a Romance language helpful but not necessary. Fluency in English required.

FAS Divisional Distribution: None

FRENCH 16

Reading, Understanding and Translating Written French for Research

Course ID: 111933
2026 Spring (4 Credits)

Nicole Mills

French 16 offers an introduction to reading and translating academic French texts for students who require a basic knowledge of French for research purposes. The course presents vocabulary and the principal structures of French grammar in a systematic and coherent order. The course begins with simple texts and advertisements, then moves to academic texts with more complex structures, and ends with the translation and analysis of literary works and philosophical texts. Students discuss the complexities of translation, consider what makes a "good translation," and experiment thoughtfully with AI tools. Course assignments are discipline-specific to accommodate students' research needs.

Course Note: Conducted in English. Not open to students with a score of 300 or above on the Harvard placement exam or 500 or above on the SAT II French exam, to those with more than one year of undergraduate French, or to auditors. May not be used to fulfill the language requirement and may not be taken Pass/Fail but may be taken Sat/Unsat by graduate students with permission from the course head. This course is taught by members of the Department. Course site: <https://locator.tlt.harvard.edu/course/colgsas-111933/2023/spring/16998>

Some previous study of a Romance language helpful but not necessary. Fluency in English required.

FAS Divisional Distribution: None

FRENCH 20

Course ID: 126938

Intermediate French: Francophone Culture in Local Communities

2025 Fall (4 Credits)

MWF 1030 AM - 1145 AM

Instructor Permission Required

Karen Turman

In this intermediate-level language course we will explore cultural topics such as music, dance, and cuisine in French-speaking countries around the world. We will in turn expand our discovery of Francophone cultures through conversations with online language partners, interactive discussions with French-speaking guests, and exploration of local Francophone communities. Themes such as family life in West Africa, sustainability in the French-speaking Pacific, and artist identity in Quebec will be broached through communicative activities in order to build on oral, written, and intercultural competences. Using various texts, films, and multimedia resources as a basis for discussion, we will also build vocabulary and review and refine various grammatical structures. This course will also include online partner conversations through the Boomalang platform.

*Course Note: Conducted in French. May count toward the language requirement. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department. To engage with online Francophone partners through the Boomalang platform, students will be required to purchase an access code for \$40-50, as part of the course materials. **Students must complete the online information survey on Canvas before registering for the course.*

Prerequisite: Either a score between 301 and 350 on the Harvard placement exam, or between 451 and 600 on the SAT II French exam, or 3 years of French in high school, or completion of French 11 or 15.

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: French

FAS: Meets Foreign Lang Req: French

FRENCH 20

Course ID: 126938

Intermediate French: Francophone Culture in Local Communities

2026 Spring (4 Credits)

MWF 1200 PM - 0115 PM

Instructor Permission Required

Karen Turman

In this intermediate-level language course we will explore cultural topics such as music, dance, and cuisine in French-speaking countries around the world. We will in turn expand our discovery of Francophone cultures through conversations with online language partners, interactive discussions with French-speaking guests, and exploration of local Francophone communities. Themes such as family life in West Africa, sustainability in the French-speaking Pacific, and artist identity in Quebec will be broached through communicative activities in order to build on oral, written, and intercultural competences. Using various texts, films, and multimedia resources as a basis for discussion, we will also build vocabulary and review and refine various grammatical structures. This course will also include online partner conversations through the Boomalang platform.

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Prerequisite: Either a score between 301 and 350 on the Harvard placement exam, or between 451 and 600 on the SAT II French exam, or 3 years of French in high school, or completion of French 11 or 15.

HCOL: Foreign Lang Citation: French

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: French

FRENCH 20 (002)

Course ID: 126938
2025 Fall (4 Credits)

Intermediate French: Francophone Culture in Local Communities

MWF 1200 PM - 0115 PM

Karen Turman

In this intermediate-level language course we will explore cultural topics such as music, dance, and cuisine in French-speaking countries around the world. We will in turn expand our discovery of Francophone cultures through conversations with online language partners, interactive discussions with French-speaking guests, and exploration of local Francophone communities. Themes such as family life in West Africa, sustainability in the French-speaking Pacific, and artist identity in Quebec will be broached through communicative activities in order to build on oral, written, and intercultural competences. Using various texts, films, and multimedia resources as a basis for discussion, we will also build vocabulary and review and refine various grammatical structures. This course will also include online partner conversations through the Boomalang platform.

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Prerequisite: Either a score between 301 and 350 on the Harvard placement exam, or between 451 and 600 on the SAT II French exam, or 3 years of French in high school, or completion of French 11 or 15.

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: French

FAS: Meets Foreign Lang Req: French

FRENCH 20 (002)

Course ID: 126938
2026 Spring (4 Credits)

Intermediate French: Francophone Culture in Local Communities

MWF 0130 PM - 0245 PM

Instructor Permission Required

Karen Turman

In this intermediate-level language course we will explore cultural topics such as music, dance, and cuisine in French-speaking countries around the world. We will in turn expand our discovery of Francophone cultures through conversations with online language partners, interactive discussions with French-speaking guests, and exploration of local Francophone communities. Themes such as family life in West Africa, sustainability in the French-speaking Pacific, and artist identity in Quebec will be broached through communicative activities in order to build on oral, written, and intercultural competences. Using various texts, films, and multimedia resources as a basis for discussion, we will also build vocabulary and review and refine various grammatical structures. This course will also include online partner conversations through the Boomalang platform.

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Prerequisite: Either a score between 301 and 350 on the Harvard placement exam, or between 451 and 600 on the SAT II French exam, or 3 years of French in high school, or completion of French 11 or 15.

FAS: Meets Foreign Lang Req: French

HCOL: Foreign Lang Citation: French

FAS Divisional Distribution: None

FRENCH 30

Course ID: 126942
2025 Fall (4 Credits)

Upper level French : Current Events and Media in the Francophone World

HARVARD UNIVERSITY 1571 of 1792

Claire-Marie Brisson

This course explores the theme of identity and representation in francophone media through various types of media, from the written press to social media, while revisiting French grammatical structures and refining speaking and writing skills. Through spontaneous exchange, collaboration, and presentational discourse, this course will examine current events in the Francophone world as represented in newspaper articles, music, images, film, and advertisements from places as diverse as Montreal, Port-au-Prince, Djibouti, Brussels, Kinshasa, and Paris. Course materials will include links to digital news, films, websites, podcasts, literary texts, and visual media, among other resources. Course themes include an analysis of stereotypes and identity markers of Francophones, social life through social media, diverse francophone perspectives in trending media, and questions of truth and justice as represented through digital media. Course assignments include journalistic writing and the development of podcast episodes that will contribute to Harvard University's French-language podcast. You will engage in various interactive communicative activities throughout the course, concluding with a live journalistic panel and debate with an invited panel of Francophone journalists and podcasters.

Course Note: Conducted in French. May not be taken Pass/Fail but may be taken Sat/Unsat by graduate students. Not open to auditors. This course is taught by members of the Department.

A score no lower than 351 and no higher than 400 on the Harvard placement exam or no lower than 601 and no higher than 680 on the SAT II French exam; French 20; or permission of course head.

FAS: Meets Foreign Lang Req: French

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: French

FRENCH 30

Course ID: 126942

Upper level French : Current Events and Media in the Francophone World

2026 Spring (4 Credits)

TR 0900 AM - 1015 AM

Instructor Permission Required

Claire-Marie Brisson

This course explores the theme of identity and representation in francophone media through various types of media, from the written press to social media, while revisiting French grammatical structures and refining speaking and writing skills. Through spontaneous exchange, collaboration, and presentational discourse, this course will examine current events in the Francophone world as represented in newspaper articles, music, images, film, and advertisements from places as diverse as Montreal, Port-au-Prince, Djibouti, Brussels, Kinshasa, and Paris. Course materials will include links to digital news, films, websites, podcasts, literary texts, and visual media, among other resources. Course themes include an analysis of stereotypes and identity markers of Francophones, social life through social media, diverse francophone perspectives in trending media, and questions of truth and justice as represented through digital media. Course assignments include journalistic writing and the development of podcast episodes that will contribute to Harvard University's French-language podcast. You will engage in various interactive communicative activities throughout the course, concluding with a live journalistic panel and debate with an invited panel of Francophone journalists and podcasters.

Course Note: Conducted in French. May not be taken Pass/Fail but may be taken Sat/Unsat by graduate students. Not open to auditors. This course is taught by members of the Department.

A score no lower than 351 and no higher than 400 on the Harvard placement exam or no lower than 601 and no higher than 680 on the SAT II French exam; French 20; or permission of course head.

HCOL: Foreign Lang Citation: French

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: French

FRENCH 30 (002)

Course ID: 126942

Upper level French : Current Events and Media in the Francophone World

2025 Fall (4 Credits)

TR 1030 AM - 1145 AM

Claire-Marie Brisson

This course explores the theme of identity and representation in francophone media through various types of media, from the written press to social media, while revisiting French grammatical structures and refining speaking and writing skills. Through spontaneous exchange, collaboration, and presentational discourse, this course will examine current events in the Francophone world as represented in newspaper articles, music, images, film, and advertisements from places as diverse as Montreal, Port-au-Prince, Djibouti, Brussels, Kinshasa, and Paris. Course materials will include links to digital news, films, websites, podcasts, literary texts, and visual media, among other resources. Course themes include an analysis of stereotypes and identity markers of Francophones, social life through social media, diverse francophone perspectives in trending media,

and questions of truth and justice as represented through digital media. Course assignments include journalistic writing and the development of podcast episodes that will contribute to Harvard University's French-language podcast. You will engage in various interactive communicative activities throughout the course, concluding with a live journalistic panel and debate with an invited panel of Francophone journalists and podcasters.

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A score no lower than 351 and no higher than 400 on the Harvard placement exam or no lower than 601 and no higher than 680 on the SAT II French exam; French 20; or permission of course head.

HCOL: Foreign Lang Citation: French

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: French

FRENCH 30 (002)

Course ID: 126942

Upper level French : Current Events and Media in the Francophone World

2026 Spring (4 Credits)

TR 1030 AM - 1145 AM

Instructor Permission Required

Claire-Marie Brisson

This course explores the theme of identity and representation in francophone media through various types of media, from the written press to social media, while revisiting French grammatical structures and refining speaking and writing skills. Through spontaneous exchange, collaboration, and presentational discourse, this course will examine current events in the Francophone world as represented in newspaper articles, music, images, film, and advertisements from places as diverse as Montreal, Port-au-Prince, Djibouti, Brussels, Kinshasa, and Paris. Course materials will include links to digital news, films, websites, podcasts, literary texts, and visual media, among other resources. Course themes include an analysis of stereotypes and identity markers of Francophones, social life through social media, diverse francophone perspectives in trending media, and questions of truth and justice as represented through digital media. Course assignments include journalistic writing and the development of podcast episodes that will contribute to Harvard University's French-language podcast. You will engage in various interactive communicative activities throughout the course, concluding with a live journalistic panel and debate with an invited panel of Francophone journalists and podcasters.

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A score no lower than 351 and no higher than 400 on the Harvard placement exam or no lower than 601 and no higher than 680 on the SAT II French exam; French 20; or permission of course head.

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: French

HCOL: Foreign Lang Citation: French

FRENCH 40

Course ID: 126997

Advanced French I: The Contemporary Francophone World Through Cinema

2025 Fall (4 Credits)

TR 1030 AM - 1145 AM

Instructor Permission Required

Claire-Marie Brisson

In this advanced French language and culture course, you will explore Francophone cultures through contemporary films to build interpretive, interpersonal, and presentational modes of communication while activating analytical and creative thinking. Course materials include French-language films and corresponding literary texts, images, and supporting authentic materials such as posters and advertisements that will help you develop oral and written communication skills through close readings and cultural analysis. Course themes investigate contemporary issues at the heart of Francophone societies today, including deportation and (non) belonging, policing, ableism, education, Blackness, sexuality and transgender identity, as well as the role of the family. The structure of class will promote spontaneous exchange about films and topics studied, real-and real-time collaboration with classmates. Creative assignments include interactive writing assignments, short compositions, scripts, and a short film. No previous familiarity with film study is necessary.

Course Note: Conducted in French. May not be taken Pass/Fail but may be taken Sat/Unsat by graduate students. Not open to auditors. This course is taught by members of the Department.

French 30, 401-450 on the Harvard placement exam, or 681-720 on the SAT II French exam; or permission of course head.

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: French
FAS: Meets Foreign Lang Req: French

FRENCH 40
Advanced French I: The Contemporary Francophone World Through Cinema

Course ID: 126997
2026 Spring (4 Credits)

TR 1200 PM - 0115 PM

Instructor Permission Required

Claire-Marie Brisson

In this advanced French language and culture course, you will explore Francophone cultures through contemporary films to build interpretive, interpersonal, and presentational modes of communication while activating analytical and creative thinking. Course materials include French-language films and corresponding literary texts, images, and supporting authentic materials such as posters and advertisements that will help you develop oral and written communication skills through close readings and cultural analysis. Course themes investigate contemporary issues at the heart of Francophone societies today, including deportation and (non) belonging, policing, ableism, education, Blackness, sexuality and transgender identity, as well as the role of the family. The structure of class will promote spontaneous exchange about films and topics studied, real-and real-time collaboration with classmates. Creative assignments include interactive writing assignments, short compositions, scripts, and a short film. No previous familiarity with film study is necessary.

Course Note: Conducted in French. May not be taken Pass/Fail but may be taken Sat/Unsat by graduate students. Not open to auditors. This course is taught by members of the Department.

French 30, 401-450 on the Harvard placement exam, or 681-720 on the SAT II French exam; or permission of course head.

HCOL: Foreign Lang Citation: French

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: French

FRENCH 40 (002)
Advanced French I: The Contemporary Francophone World Through Cinema

Course ID: 126997
2025 Fall (4 Credits)

TR 0900 AM - 1015 AM

Instructor Permission Required

Claire-Marie Brisson

In this advanced French language and culture course, you will explore Francophone cultures through contemporary films to build interpretive, interpersonal, and presentational modes of communication while activating analytical and creative thinking. Course materials include French-language films and corresponding literary texts, images, and supporting authentic materials such as posters and advertisements that will help you develop oral and written communication skills through close readings and cultural analysis. Course themes investigate contemporary issues at the heart of Francophone societies today, including deportation and (non) belonging, policing, ableism, education, Blackness, sexuality and transgender identity, as well as the role of the family. The structure of class will promote spontaneous exchange about films and topics studied, real-and real-time collaboration with classmates. Creative assignments include interactive writing assignments, short compositions, scripts, and a short film. No previous familiarity with film study is necessary.

Course Note: Conducted in French. May not be taken Pass/Fail but may be taken Sat/Unsat by graduate students. Not open to auditors. This course is taught by members of the Department.

French 30, 401-450 on the Harvard placement exam, or 681-720 on the SAT II French exam; or permission of course head.

FAS: Meets Foreign Lang Req: French

HCOL: Foreign Lang Citation: French

FAS Divisional Distribution: Arts and Humanities

FRENCH 40 (002)
Advanced French I: The Contemporary Francophone World Through Cinema

Course ID: 126997
2026 Spring (4 Credits)

TR 0130 PM - 0245 PM

Instructor Permission Required

Claire-Marie Brisson

In this advanced French language and culture course, you will explore Francophone cultures through

contemporary films to build interpretive, interpersonal, and presentational modes of communication while activating analytical and creative thinking. Course materials include French-language films and corresponding literary texts, images, and supporting authentic materials such as posters and advertisements that will help you develop oral and written communication skills through close readings and cultural analysis. Course themes investigate contemporary issues at the heart of Francophone societies today, including deportation and (non) belonging, policing, ableism, education, Blackness, sexuality and transgender identity, as well as the role of the family. The structure of class will promote spontaneous exchange about films and topics studied, real-and real-time collaboration with classmates. Creative assignments include interactive writing assignments, short compositions, scripts, and a short film. No previous familiarity with film study is necessary.

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French 30, 401-450 on the Harvard placement exam, or 681-720 on the SAT II French exam; or permission of course head.

FAS: Meets Foreign Lang Req: French

HCOL: Foreign Lang Citation: French

FAS Divisional Distribution: Arts and Humanities

FRENCH 50

Advanced French II: Justice, Equity, Rights, and Language

TR 1200 PM - 0115 PM

Karen Turman

Course ID: 126998

2025 Fall (4 Credits)

Instructor Permission Required

Through the lens of social justice issues in France and the Francophone world, this class will focus on language and civic engagement. We will interrogate topics such as colonialism, islamophobia, immigration, and sexism by studying a range of creative, analytical, and polemical texts and images. This course builds on the interpersonal, interpretive, and communicative skills acquired in French 40, with a particular emphasis on developing oral and written proficiency. In addition to creative and analytical projects ranging from a written portrait to a manifesto, you will also engage in volunteer work with local francophone communities* and intercultural conversation exchanges with Francophone language partners on Boomalang.co.*The community engagement project will vary depending on availability during the semester.

Course Note: Conducted in French. Students must complete an online information survey on Canvas before registering for the course. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students do not need to purchase a textbook for this course, but they will need to purchase an online access code for four 30-minute conversation sessions with Boomalang.co (\$40-50).

Prerequisite: French 40; a score of 721-750 on the SAT II French exam or 451-490 on the Harvard placement exam.

FAS: Meets Foreign Lang Req: French

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: French

FRENCH 50

Advanced French II: Justice, Equity, Rights, and Language

TR 1030 AM - 1145 AM

Karen Turman

Course ID: 126998

2026 Spring (4 Credits)

Instructor Permission Required

Through the lens of social justice issues in France and the Francophone world, this class will focus on language and civic engagement. We will interrogate topics such as colonialism, islamophobia, immigration, and sexism by studying a range of creative, analytical, and polemical texts and images. This course builds on the interpersonal, interpretive, and communicative skills acquired in French 40, with a particular emphasis on developing oral and written proficiency. In addition to creative and analytical projects ranging from a written portrait to a manifesto, you will also engage in volunteer work with local francophone communities* and intercultural conversation exchanges with Francophone language partners on Boomalang.co.*The community engagement project will vary depending on availability during the semester.

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Prerequisite: French 40; a score of 721-750 on the SAT II French exam or 451-490 on the Harvard placement exam.

HCOL: Foreign Lang Citation: French
FAS: Meets Foreign Lang Req: French
FAS Divisional Distribution: Arts and Humanities

FRENCH 50 (002)

Course ID: 126998
2025 Fall (4 Credits)

Advanced French II: Justice, Equity, Rights, and Language

TR 0130 PM - 0245 PM

Instructor Permission Required

Karen Turman

Through the lens of social justice issues in France and the Francophone world, this class will focus on language and civic engagement. We will interrogate topics such as colonialism, islamophobia, immigration, and sexism by studying a range of creative, analytical, and polemical texts and images. This course builds on the interpersonal, interpretive, and communicative skills acquired in French 40, with a particular emphasis on developing oral and written proficiency. In addition to creative and analytical projects ranging from a written portrait to a manifesto, you will also engage in volunteer work with local francophone communities* and intercultural conversation exchanges with Francophone language partners on Boomalang.co.*The community engagement project will vary depending on availability during the semester.

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Prerequisite: French 40; a score of 721-750 on the SAT II French exam or 451-490 on the Harvard placement exam.

FAS: Meets Foreign Lang Req: French
HCOL: Foreign Lang Citation: French
FAS Divisional Distribution: Arts and Humanities

FRENCH 62

Course ID: 217619
2026 Spring (4 Credits)

Exploring Sustainable Practices in French Industry: Fashion, Cuisine, and Music

TR 1200 PM - 0115 PM

Instructor Permission Required

Karen Turman

In this advanced French language and culture course we will explore iconic French industries through the lens of sustainability. Beginning in the Industrial Revolution, we will interrogate themes such as class, space, labor, and cultural appropriation in France and subsequently focus on the evolution of the sustainable practices of each industry today. By contextualizing examples ranging from thrifting in department stores on Boulevard Haussmann to French hip-hop and cabaret culture in Montmartre, we will evaluate the cultural legacy of fashion, cuisine, and music in France today. To this end, we will analyze videos, articles, literary texts, and images as well as engage with guest speakers from France. In addition to participating in a conversation exchange with university students in France studying Business English, course work will include daily readings and exercises, in-class and online written assessments, a video presentation, and a final written project evaluating the sustainable and ethical practices of a French company of your choice.

Course Note: Conducted in French. Students must complete an online information survey on Canvas before registering for the course. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students.

Prerequisite: Harvard placement exam score between 491 and 530 or French SAT II score between 751 and 780.

FAS: Meets Foreign Lang Req: French
FAS Divisional Distribution: Arts and Humanities
HCOL: Foreign Lang Citation: French

FRENCH 62 (002)

Course ID: 217619
2026 Spring (4 Credits)

Exploring Sustainable Practices in French Industry: Fashion, Cuisine, and Music

TR 0130 PM - 0245 PM

Instructor Permission Required

Karen Turman

In this advanced French language and culture course we will explore iconic French industries through the lens of sustainability. Beginning in the Industrial Revolution, we will interrogate themes such as class, space, labor, and cultural appropriation in France and subsequently focus on the evolution of the sustainable practices of each industry today. By contextualizing examples ranging from thrifting in department stores on Boulevard Haussmann to French hip-hop and cabaret culture in Montmartre, we will evaluate the cultural legacy of fashion, cuisine, and music in France today. To this end, we will analyze videos, articles, literary texts, and images as well as engage with guest speakers from France. In addition to participating in a conversation exchange with university students in France studying Business English, course work will include daily readings and exercises, in-class and online written assessments, a video presentation, and a final written project evaluating the sustainable and ethical practices of a French company of your choice.

Course Note: Conducted in French. Students must complete an online information survey on Canvas before registering for the course. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students.

Prerequisite: Harvard placement exam score between 491 and 530 or French SAT II score between 751 and 780.

FAS: Meets Foreign Lang Req: French

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: French

FRENCH 64
Exploring French Language in North America through Text, Image, and Culture

Course ID: 220528
2025 Fall (4 Credits)

TR 1030 AM - 1145 AM

Instructor Permission Required

Claire-Marie Brisson

In this advanced French language and culture course, students will refine their French language skills as they learn about and discuss the cultural landscape of Francophone North America. Students will journey through Québec, Ontario, across the Great Lakes, down the Mississippi to Louisiana, and circle back to New England as we investigate themes such as identity, visibility, and cultural hybridity, past and present. Through fiction, poetry, art, historic and modern images, films, and music, students will master complex grammatical structures and learn specialized vocabulary through supported opinion, argumentation, and hypothesis based on their interactions with authentic materials. The course includes guest speakers from around French-speaking North America and creating episodes for a student-produced podcast, Le Cramoisi, "The Crimson."

Course Note: Conducted in French. Students must complete an online information survey on Canvas before registering for the course. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students.

Prerequisite: Harvard placement exam score between 491 and 530 or French SAT II score between 751 and 780.

FAS: Meets Foreign Lang Req: French

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: French

FRENCH 64 (002)
Exploring French Language in North America through Text, Image, and Culture

Course ID: 220528
2025 Fall (4 Credits)

TR 0130 PM - 0245 PM

Instructor Permission Required

Claire-Marie Brisson

In this advanced French language and culture course, students will refine their French language skills as they learn about and discuss the cultural landscape of Francophone North America. Students will journey through Québec, Ontario, across the Great Lakes, down the Mississippi to Louisiana, and circle back to New England as we investigate themes such as identity, visibility, and cultural hybridity, past and present. Through fiction, poetry, art, historic and modern images, films, and music, students will master complex grammatical structures and learn specialized vocabulary through supported opinion, argumentation, and hypothesis based on their interactions with authentic materials. The course includes guest speakers from around French-speaking North America and creating episodes for a student-produced podcast, Le Cramoisi, "The Crimson."

Course Note: Conducted in French. Students must complete an online information survey on Canvas before registering for the course. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students.

Prerequisite: Harvard placement exam score between 491 and 530 or French SAT II score between 751 and 780.

HCOL: Foreign Lang Citation: French
FAS: Meets Foreign Lang Req: French
FAS Divisional Distribution: Arts and Humanities

FRENCH 73

Making Modern France: A Media History

MW 0130 PM - 0245 PM

Hannah Frydman

Moving from pamphlets, paperwork, and political pornography to popular serial novels, posters, protest ephemera, and politics on social media, this course will explore the way media has made French history and culture (and vice versa), from the Revolution to the present.

Course Note: Conducted in French.

Course ID: 226253
2025 Fall (4 Credits)

HCOL: Foreign Lang Citation: French
FAS Divisional Distribution: Arts and Humanities
FAS: Meets Foreign Lang Req: French

FRENCH 77

The Bad Place: Dystopia à la française

No meeting time listed

Annabel Kim

The French novelist Stendhal once described the novel as "un miroir qu'on promène le long d'un chemin," a mirror we carry along the road. This course examines dystopian French novels (and some films) in order to explore what sort of reflection of reality such narratives of catastrophe, corruption, destruction, and dysfunction reveal to us. What does it mean to write the dystopian from within dystopia? What does it mean to be human at a moment in history where we are constantly poised at the edge of the end of humanity? What can and does literature (and the imagination) do for us?

Course Note: Conducted in French.

Course ID: 226262
2026 Spring (4 Credits)

HCOL: Foreign Lang Citation: French
FAS: Meets Foreign Lang Req: French

FRENCH 80MP

Making Poetry Matter

TR 0900 AM - 1015 AM

This course will provide an introduction to poetry in French by focusing on poetic "practice" – the practice of reading/saying/hearing poetry, the practice of composing poetry, the practice of materializing poetry on the page – and how and why it matters to our everyday lives. As we explore diverse poetic practices, ranging from the Middle Ages to the present day, we will consider how poetry has served as a vital form of embodied expression with unique capacities to enchant, impart knowledge, provoke meaningful experiences, and foster new forms and terms of communicating with the world in order to effect change. Not only will we engage in close and creative readings with French and Francophone poetry, placing voices across the centuries in conversation with one another, but we will also cultivate our own poetic practices through collection, composition, and exchange to be materialized in a final personal poetic anthology.

*Course Note: This course will be taught in French.
This course will be taught by Dr. Elizabeth Harper.*

Course ID: 226516
2025 Fall (4 Credits)

FAS Divisional Distribution: Arts and Humanities

FRENCH 89

Ghosts, spirits and freaks of the Creole world: Bolom soungas ek soucouyants

No meeting time listed

Course ID: 224380
2026 Spring (4 Credits)

Usha Rungoo

Reading novels, plays, tales and stories from the Creole world (Caribbean, Indian Ocean and Louisiana), we will explore the inhuman in all its manifestations: the preternatural such as spirits, ghosts and zombies, and the aberrant such as human-animal hybrids and "freaks" displayed in colonial human zoos. Through the lens of the inhuman, we will discuss colonial brutality, precolonial worldviews and their evolution post-colonization, and decolonial and alternative forms of knowledge.

Course Note: Conducted in French.

FAS: Meets Foreign Lang Req: French

FAS Divisional Distribution: Arts and Humanities

FRENCH 91R

Course ID: 113533

Supervised Reading and Research

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Annabel Kim

Tutorial supervision of research on subjects not treated in regular courses.

Course Note: Limited to juniors and seniors. Students wishing to enroll must petition the Undergraduate Adviser in French for approval, stating the proposed project, and must have the consent of the proposed instructor.

Ordinarily, students are required to have taken some coursework in the area as background for their project. May not be taken more than twice, and only once for concentration credit.

This course is taught by members of the Department.

HCOL: Foreign Lang Citation: French

FAS Divisional Distribution: Arts and Humanities

FRENCH 91R

Course ID: 113533

Supervised Reading and Research

2026 Spring (4 Credits)

No meeting time listed

Annabel Kim

Tutorial supervision of research on subjects not treated in regular courses.

Course Note: Limited to juniors and seniors. Students wishing to enroll must petition the Undergraduate Adviser in French for approval, stating the proposed project, and must have the consent of the proposed instructor.

Ordinarily, students are required to have taken some coursework in the area as background for their project. May not be taken more than twice, and only once for concentration credit.

This course is taught by members of the Department.

HCOL: Foreign Lang Citation: French

FAS Divisional Distribution: Arts and Humanities

FRENCH 99A

Course ID: 111988

Tutorial - Senior Year

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Annabel Kim

For honors seniors writing a thesis. Part one of a two-part series.

Course Note: Successful completion of FRENCH 99A and FRENCH 99B is required of all thesis-track honors concentrators. Prior faculty approval of proposed senior thesis topic is also required. Students who do not complete a thesis are required to submit a substantial paper in order to receive course credit.

Full Year Course: Divisible Course

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: French

FRENCH 99B

Tutorial - Senior Year

No meeting time listed

Kathy Richman

For honors seniors writing a thesis. Part two of a two-part series.

Course Note: Successful completion of FRENCH 99A and FRENCH 99B is required of all thesis-track honors concentrators. Students who do not complete a thesis are required to submit a substantial paper in order to receive course credit.

FAS Divisional Distribution: Arts and Humanities

Full Year Course: Divisible Course

Course ID: 159923
2026 Spring (4 Credits)

FRENCH 104

Care Crisis: Late Medieval Vulnerabilities

TR 0300 PM - 0415 PM

Course ID: 226500
2025 Fall (4 Credits)

In the period known as the long fourteenth century, the French kingdom and its people suffered unprecedented violence, corruption, and loss. Imbricating vulnerabilities exposed by plague, the Hundred Years' war, civil war, pillaging, famine, mental illness, and greed created an increasingly untenable crisis of care. Equally unprecedented was the sensitivity of late medieval literary writers to these events. Far from serving as mouthpieces to the powerful or entertainers who distract from reality, the literary community spoke out, whether by constructing alternative narratives, meditating on experiences of fragility and trauma, exposing hidden inequities that target the most vulnerable, or cultivating cultures of care. What can the literature of this period tell us about what it means to be vulnerable? Or what it means to encounter vulnerability with care? Can the intimate activities of writing and reading become a means of expressing, exposing, soliciting, enacting, or provoking such encounters? In this course we will explore these questions through selected works of poetry, prose, music, manuscript documentary evidence, and modern criticism to discover a shared commitment among late medieval literary writers to challenge dominant discourses of power and resiliency, asserting the value of different forms of vulnerability and calling for urgently needed ethics and politics of care.

This course will be taught by Dr. Elizabeth Harper.

FAS Divisional Distribution: Arts and Humanities

FRENCH 128

Growing Pains: The Coming-of-Age Novel

MW 1030 AM - 1145 AM

Annabel Kim

Course ID: 203381
2025 Fall (4 Credits)

Instructor Permission Required

What does it mean to grow up, to become oneself? How does confronting the world shape who you are as well as the world itself? Who learns what in a roman d'apprentissage (coming-of-age novel) and in the reading of such novels? In this course, we will read romans d'apprentissage that span the twentieth century into the twenty-first century and see how the novel develops, just as protagonists do, as writers confront the political, social, and intellectual volatility and instabilities of a modern world. In doing so, we will see how the relation between fiction and reality, between the text and the world, is anything but simple, or merely reflective. By reading closely in conversation with each other, we will discover and experience what it means to be readers—to be caught up at the intersection where fiction and reality become each other.

Course Note: Conducted in French.

FAS Divisional Distribution: Arts and Humanities

FRENCH 159

Sex Work: Epistemology of the Prostitute

No meeting time listed

Hannah Frydman

Course ID: 226257
2026 Spring (4 Credits)

Beginning in the nineteenth century, prostitution became a central theme in canonical French literature and a central target of social scientific inquiry. Knowledge about the world seemed to flow through the figure and the body of the "prostitute." In this course, we will situate this knowledge production within the histories of prostitution, social investigation, the city of Paris, and the novel in order to understand why this was the case. In

the process, we will pay close attention to the many things the prostitute symbolized from the nineteenth century to the present—from an embodiment of society's ills to a searing critique of the social order itself.

Course Note: Conducted in French.

FAS: Meets Foreign Lang Req: French

FRENCH 218

Plantations, Gardens, Forests: De/Colonial Ecologies

Course ID: 226264
2026 Spring (4 Credits)

No meeting time listed

Usha Rungoo

In this course, we will explore the imbrication of colonialism and environmentalism by focusing on "green" spaces such as plantations; botanical gardens where plants were studied to be mass produced for empire's profit; and green spaces such as safaris and nature reserves monopolized by the tourism industry and inaccessible to local communities. Conversely we will investigate ecological resistance, such as the Creole gardens historically nurtured by enslaved communities to counter food scarcity on plantations, or the mangrove forests on and around which diasporic communities continue to live and live from. In this literature course, rather than focusing on history, we will look at how, on one hand, green spaces have been transformed into systems of oppression, and on the other, they can be read for alternative forms of knowledge and resistance.

FRENCH 243

New Directions in the Study of Gender and Sexuality

Course ID: 226255
2025 Fall (4 Credits)

T 1245 PM - 0245 PM

Instructor Permission Required

Hannah Frydman

How does literature uphold and/or deconstruct the gender binary? What is the relationship between sexuality and political consciousness? How did gender become such a political football? Taking the Francophone world as a case study, in this course we will explore cutting edge work on gender and sexuality across the humanities and humanistic social sciences that takes up these questions and many others, allowing us to grapple with the productive problems—definitional, epistemological, empirical, theoretical, etc.—studying sexuality and gender brings into view.

FAS Divisional Distribution: Arts and Humanities

FRENCH 320

French Literature: Supervised Reading and Research

Course ID: 111005
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Annabel Kim

FRENCH 320

French Literature: Supervised Reading and Research

Course ID: 111005
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Annabel Kim

FRENCH 320 (002)

French Literature: Supervised Reading and Research

Course ID: 111005
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Tom Conley

FRENCH 320 (002)

French Literature: Supervised Reading and Research

Course ID: 111005
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Tom Conley

FRENCH 320 (003)	Course ID: 111005
French Literature: Supervised Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Verena Conley</i>	

FRENCH 320 (003)	Course ID: 111005
French Literature: Supervised Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Verena Conley</i>	

FRENCH 330	Course ID: 122556
Direction of Doctoral Dissertations	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Annabel Kim</i>	

FAS Divisional Distribution: None

FRENCH 330	Course ID: 122556
Direction of Doctoral Dissertations	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Annabel Kim</i>	

FAS Divisional Distribution: None

FRENCH 330 (002)	Course ID: 122556
Direction of Doctoral Dissertations	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Tom Conley</i>	

FAS Divisional Distribution: None

FRENCH 330 (002)	Course ID: 122556
Direction of Doctoral Dissertations	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Tom Conley</i>	

FAS Divisional Distribution: None

FRENCH 330 (003)	Course ID: 122556
Direction of Doctoral Dissertations	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Verena Conley</i>	

FAS Divisional Distribution: None

FRENCH 330 (003)

Direction of Doctoral Dissertations

No meeting time listed

Verena Conley

Course ID: 122556

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

Portuguese

PORTUG 10

Course ID: 120398
2025 Fall (4 Credits)

Beginning Portuguese I: From Cambridge to Copacabana

MTWR 0900 AM - 1015 AM

Cristiane Soares

Portuguese 10 is the first course in the Beginning Portuguese sequence for students with little or no prior experience in Portuguese. You will be introduced to the Portuguese language and Lusophone (Portuguese-speaking) cultures in a practical and meaningful way through communicative tasks. Authentic materials (e.g. short texts, music, video clips, visuals) from various sources (e.g. social media, newspapers, TV programs, YouTube) will allow you to develop basic communicative skills in written and oral forms. By the end of the semester, you will develop basic linguistic and cultural competence in Portuguese and be able to engage in simple conversations with Portuguese speakers.

Course Note: Conducted in Portuguese. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students with advanced knowledge of Spanish should enroll in Portuguese 10S instead of Portuguese 10.

FAS: Meets Foreign Lang Req: Portuguese

FAS Divisional Distribution: None

PORTUG 10S

Course ID: 113806
2025 Fall (4 Credits)

Beginning Portuguese for Spanish Speakers I: Português Beyond Português

MWF 1200 PM - 0115 PM

Cristiane Soares

This beginning Portuguese course is designed for students with a strong background in Spanish (Spanish 40 or equivalent is recommended). The course presents the linguistic structures necessary for basic communication and emphasizes the most challenging features of the Portuguese language for Spanish Speakers including pronunciation, idioms, and grammatical structures unique to Brazilian Portuguese. You will use your knowledge in Spanish as a starting point to quickly develop basic vocabulary to ask questions, plan events, talk about your daily routine, and give information about yourself and others. You will engage in communicative and interpretive tasks, while exploring a variety of authentic material (e.g. short texts, music, videos, visuals) from various sources (e.g. social media, TV programs, YouTube videos). By the end of the semester, you will have developed the linguistic and cultural competence sufficient to express yourself, participate in conversations on familiar topics, and handle short social interactions in Portuguese. Speakers of other Romance languages are encouraged to take Portuguese 10.

Course Note: Conducted in Portuguese. Requires a solid knowledge of but not necessarily native proficiency in Spanish. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors.

Prerequisite: 750 on the Spanish SAT II or the Harvard Placement test; 5 on the Spanish AP test; a 40s level Spanish course; or permission of Course Head.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Portuguese

PORTUG 10S

Course ID: 113806
2026 Spring (4 Credits)

Beginning Portuguese for Spanish Speakers I: Português Beyond Português

MWF 1200 PM - 0115 PM

Cristiane Soares

This beginning Portuguese course is designed for students with a strong background in Spanish (Spanish 40 or equivalent is recommended). The course presents the linguistic structures necessary for basic communication and emphasizes the most challenging features of the Portuguese language for Spanish Speakers including pronunciation, idioms, and grammatical structures unique to Brazilian Portuguese. You will use your knowledge in Spanish as a starting point to quickly develop basic vocabulary to ask questions, plan events, talk about your daily routine, and give information about yourself and others. You will engage in communicative and interpretive tasks, while exploring a variety of authentic material (e.g. short texts, music, videos, visuals) from various sources (e.g. social media, TV programs, YouTube videos). By the end of the semester, you will have developed the linguistic and cultural competence sufficient to express yourself, participate in conversations on familiar topics, and handle short social interactions in Portuguese. Speakers of other Romance languages are encouraged to take Portuguese 10.

Course Note: Conducted in Portuguese. Requires a solid knowledge of but not necessarily native proficiency in Spanish. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors.

Prerequisite: 750 on the Spanish SAT II or the Harvard Placement test; 5 on the Spanish AP test; a 40s level Spanish course; or permission of Course Head.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Portuguese

PORTUG 10S (002)

Beginning Portuguese for Spanish Speakers I: Português Beyond Português

Course ID: 113806

2025 Fall (4 Credits)

MWF 1030 AM - 1145 AM

Cristiane Soares

This beginning Portuguese course is designed for students with a strong background in Spanish (Spanish 40 or equivalent is recommended). The course presents the linguistic structures necessary for basic communication and emphasizes the most challenging features of the Portuguese language for Spanish Speakers including pronunciation, idioms, and grammatical structures unique to Brazilian Portuguese. You will use your knowledge in Spanish as a starting point to quickly develop basic vocabulary to ask questions, plan events, talk about your daily routine, and give information about yourself and others. You will engage in communicative and interpretive tasks, while exploring a variety of authentic material (e.g. short texts, music, videos, visuals) from various sources (e.g. social media, TV programs, YouTube videos). By the end of the semester, you will have developed the linguistic and cultural competence sufficient to express yourself, participate in conversations on familiar topics, and handle short social interactions in Portuguese. Speakers of other Romance languages are encouraged to take Portuguese 10.

Course Note: Conducted in Portuguese. Requires a solid knowledge of but not necessarily native proficiency in Spanish. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors.

Prerequisite: 750 on the Spanish SAT II or the Harvard Placement test; 5 on the Spanish AP test; a 40s level Spanish course; or permission of Course Head.

FAS: Meets Foreign Lang Req: Portuguese

FAS Divisional Distribution: None

PORTUG 11

Beginning Portuguese II: Beyond Copacabana

Course ID: 127863

2026 Spring (4 Credits)

MWF 1200 PM - 0115 PM

Cristiane Soares

PORTUG 11 is a continuation of PORTUG 10 and helps you solidify your foundation in Portuguese by offering you opportunities to improve your linguistic skills in real contexts (via Teletandem), or close to authentic interaction situations, by interpreting and producing texts (oral, written, and multimodal) with various purposes. You will engage with literary work and examine aspects of Lusophone history and culture through music, film, literature, and social media.

Course Note: Conducted in Portuguese. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students with advanced knowledge of Spanish should enroll in Portuguese 11S instead of Portuguese 11.

PORTUG 10 or permission of Course Head.

Requires: Prerequisite: Portuguese 10

FAS: Meets Foreign Lang Req: Portuguese

FAS Divisional Distribution: None

PORTUG 11

Beginning Portuguese II: Beyond Copacabana

Course ID: 127863

2025 Fall (4 Credits)

MWF 1200 PM - 0115 PM

Cristiane Soares

PORTUG 11 is a continuation of PORTUG 10 and helps you solidify your foundation in Portuguese by offering you opportunities to improve your linguistic skills in real contexts (via Teletandem), or close to authentic interaction situations, by interpreting and producing texts (oral, written, and multimodal) with various purposes. You will engage with literary work and examine aspects of Lusophone history and culture through music, film,

literature, and social media.

Course Note: Conducted in Portuguese. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. Students with advanced knowledge of Spanish should enroll in Portuguese 11S instead of Portuguese 11.

PORTUG 10 or permission of Course Head.

Requires: Prerequisite: Portuguese 10

FAS: Meets Foreign Lang Req: Portuguese

FAS Divisional Distribution: None

PORTUG 11S

Course ID: 110641
2025 Fall (4 Credits)

Beginning Portuguese for Spanish Speakers II: More SAMBA, less Salsa!

MWF 0900 AM - 1015 AM

Cristiane Soares

PORTUGUESE 11S is a continuation of PORTUG 10s and keep on exploring semantic, grammatical, and phonological features of Portuguese that are most challenging for Spanish Speakers. This course will help you solidify your foundation in Portuguese by offering you opportunities to improve your linguistic skills in real contexts (via Teletandem), or close to authentic interaction situations, by interpreting and producing texts (oral, written, and multimodal) with various purposes. You will engage with literary work and examine aspects of Lusophone history and culture through music, film, literature, and social media.

Course Note: Conducted in Portuguese. Requires a solid knowledge of but not necessarily native proficiency in Spanish. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors.

Prerequisite: PORT 10s OR permission of Course Head.

FAS: Meets Foreign Lang Req: Portuguese

FAS Divisional Distribution: None

PORTUG 11S

Course ID: 110641
2026 Spring (4 Credits)

Beginning Portuguese for Spanish Speakers II: More SAMBA, less Salsa!

MWF 1030 AM - 1145 AM

Cristiane Soares

PORTUGUESE 11S is a continuation of PORTUG 10s and keep on exploring semantic, grammatical, and phonological features of Portuguese that are most challenging for Spanish Speakers. This course will help you solidify your foundation in Portuguese by offering you opportunities to improve your linguistic skills in real contexts (via Teletandem), or close to authentic interaction situations, by interpreting and producing texts (oral, written, and multimodal) with various purposes. You will engage with literary work and examine aspects of Lusophone history and culture through music, film, literature, and social media.

Course Note: Conducted in Portuguese. Requires a solid knowledge of but not necessarily native proficiency in Spanish. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors.

Prerequisite: PORT 10s OR permission of Course Head.

FAS: Meets Foreign Lang Req: Portuguese

FAS Divisional Distribution: None

PORTUG 15

Course ID: 156944
2026 Spring (8 Credits)

Intensive Beginning Portuguese: A Pathway to Luso-Brazilian Cultures

No meeting time listed

Instructor Permission Required

Cristiane Soares

This intensive Beginning Portuguese course provides an accelerated introduction to Portuguese with emphasis on interpersonal communication and interpreting and producing language in written and oral forms. Goals include building students' vocabulary, fluency, proficiency, and confidence. Students will experience Brazilian Portuguese and culture through music, cinema, and various media sources. The course covers the equivalent of a full first-year of Portuguese language study.

Course Note: This course requires an average seven contact hours per week. To supplement the scheduled 6.25 hours, a weekly online component will be arranged. May not be taken Pass/Fail or Sat/Unsat. Not open to auditors. Students must participate in an interview with the Portuguese 15 course head and receive permission

to enroll in the course.

An advanced knowledge of at least one other foreign language but no knowledge of Portuguese.

FAS: Meets Foreign Lang Req: Portuguese

FAS Divisional Distribution: None

PORTUG 20
Intermediate Portuguese I: Justice, Equity and Rights in the Lusophone world

Course ID: 121934
2025 Fall (4 Credits)

MWF 1030 AM - 1145 AM

Cristiane Soares

In this intermediate-level language course, you will explore social justice issues related to education, labor, environment and sustainability, race, gender, migration, among other topics of relevance in Lusophone countries nowadays. You will engage with a range of texts (e.g. written, audiovisual, visual) from different sources (e.g., social media, Youtube, TV, literature) to build vocabulary and review and refine various grammatical structures. You will also build on oral, written, and intercultural competences through communicative activities and interactive discussions with Portuguese-speaking guests and improve your linguistic skills in real contexts (via Teletandem). By the end of this class, you will have further developed your linguistic and culture competence, and will have deepened your understanding of social justice issues that have impacted the lives of Portuguese-speaking communities around the world.

Course Note: Conducted in Portuguese. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors.

Prerequisite: PORT 11, 11s OR permission of Course Head.

Requires: Prerequisite: Portuguese 11 OR Portuguese 11s

FAS: Meets Foreign Lang Req: Portuguese

FAS Divisional Distribution: None

PORTUG 20
Intermediate Portuguese I: Justice, Equity and Rights in the Lusophone world

Course ID: 121934
2026 Spring (4 Credits)

MWF 0130 PM - 0245 PM

Cristiane Soares

In this intermediate-level language course, you will explore social justice issues related to education, labor, environment and sustainability, race, gender, migration, among other topics of relevance in Lusophone countries nowadays. You will engage with a range of texts (e.g. written, audiovisual, visual) from different sources (e.g., social media, Youtube, TV, literature) to build vocabulary and review and refine various grammatical structures. You will also build on oral, written, and intercultural competences through communicative activities and interactive discussions with Portuguese-speaking guests and improve your linguistic skills in real contexts (via Teletandem). By the end of this class, you will have further developed your linguistic and culture competence, and will have deepened your understanding of social justice issues that have impacted the lives of Portuguese-speaking communities around the world.

Course Note: Conducted in Portuguese. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors.

Prerequisite: PORT 11, 11s OR permission of Course Head.

Requires: Prerequisite: Portuguese 11 OR Portuguese 11s

FAS: Meets Foreign Lang Req: Portuguese

FAS Divisional Distribution: None

PORTUG 30
Upper-level Portuguese: Traditions, Culture, and Current events through Brazilian folklore

Course ID: 114944
2026 Spring (4 Credits)

MW 0130 PM - 0245 PM

Cristiane Soares

PORTUG 30 engages students in the exploration of Brazil's five geographic regions, while examining the role of Brazilian folklore and traditions in contemporary society. Students learn about cultural elements (as folk tales,

celebrations, practices, and beliefs) peculiar to each region and analyze how these traditions are connected to the Brazilian history and natural environment. Readings and discussions with guest speakers help students to connect these traditions to current events, as environmental challenges, indigenous and African-Brazilian communities struggles, among others. Through the interpretation and analysis of authentic texts (YouTube videos, documentaries, newspaper articles, and literature), students continue to build vocabulary and review and refine various grammatical structures. Students also build on oral, written, and intercultural competences through communicative activities and interactive discussions with Portuguese-speaking guests.

Course Note: Conducted in Portuguese. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors.

Prerequisite: PORT 20 OR permission of Course Head.

HCOL: Foreign Lang Citation: Portuguese

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Portuguese

PORTUG 30
Upper-level Portuguese: Traditions, Culture, and Current events through Brazilian folklore

Course ID: 114944
2025 Fall (4 Credits)

MW 1030 AM - 1145 AM

Cristiane Soares

PORTUG 30 engages students in the exploration of Brazil's five geographic regions, while examining the role of Brazilian folklore and traditions in contemporary society. Students learn about cultural elements (as folk tales, celebrations, practices, and beliefs) peculiar to each region and analyze how these traditions are connected to the Brazilian history and natural environment. Readings and discussions with guest speakers help students to connect these traditions to current events, as environmental challenges, indigenous and African-Brazilian communities struggles, among others. Through the interpretation and analysis of authentic texts (YouTube videos, documentaries, newspaper articles, and literature), students continue to build vocabulary and review and refine various grammatical structures. Students also build on oral, written, and intercultural competences through communicative activities and interactive discussions with Portuguese-speaking guests.

Course Note: Conducted in Portuguese. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors.

Prerequisite: PORT 20 OR permission of Course Head.

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Portuguese

FAS: Meets Foreign Lang Req: Portuguese

PORTUG 40
Advanced Portuguese I: Images of Brazil through Contemporary Cinema

Course ID: 124524
2025 Fall (4 Credits)

No meeting time listed

Cristiane Soares

In this advanced Portuguese language and culture course, you will explore Brazilian culture(s) through contemporary films. The course examines major Brazilian films in their historical, political, and social context. You will become familiar with relevant concepts in cultural studies and explore different modalities of Brazilian film in relation to the already established tradition of the 1960s "Cinema Novo". Students will have various opportunities to engage in interactive communicative activities, participate in discussions, develop their interpretive and presentational skills in Portuguese and participate in creative assignments, including a short film by the end of the semester. No previous experience with film study is necessary. This course is conducted entirely in Portuguese and films are shown in Portuguese with English subtitles.

Course Note: This course meets regularly on Tuesdays and Thursdays, with additional asynchronous components. Conducted in Portuguese. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.

Prerequisite: PORTUG 30 OR Permission of Course Head.

HCOL: Foreign Lang Citation: Portuguese

FAS: Meets Foreign Lang Req: Portuguese

FAS Divisional Distribution: Arts and Humanities

PORTUG 52

Advanced Portuguese II: Sounds of Brazil: Writing Through Music

Course ID: 222831
2026 Spring (4 Credits)

TR 1200 PM - 0115 PM

Cristiane Soares

Portuguese 52 explore the Brazilian music as a powerful expression of the Brazilian experience and a means of civic engagement and social change. The course presents some of the main musical styles in Brazil (as samba, baião, choro, bossa nova, rap paulista, and funk carioca) connecting them to specific historical periods and events. Students refine speaking and writing skills by listening, analyzing, and discussing a wide range of texts, songs, and films. This course builds on the communicative competence acquired in Portuguese 40, with a particular emphasis on developing students' writing proficiency through creative and analytical writing projects such as lyrics, music articles, album reviews, and essays. By the end of the course, students will recognize different genres of music and identify features of language including differences in register.

Course Note: Conducted in Portuguese. Requires a solid knowledge of but not necessarily native proficiency in Spanish. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors.

Prerequisite: PORT 40 OR permission of Course Head.

FAS Divisional Distribution: Arts and Humanities

PORTUG 59

Portuguese and the Community

Course ID: 118080
2025 Fall (4 Credits)

TR 1200 PM - 0115 PM

Cristiane Soares

This advanced language course examines the experience of Portuguese-speaking communities in the United States as it relates to the journey, reception, integration, and use of the Portuguese language. The course combines academic activities with a service-learning component. Students are placed with community organizations within the Boston area and volunteer for three hours a week. Classwork activities focus on expanding students' oral and written proficiency in Portuguese through discussing and analyzing readings, arts, and films by and about the Lusophone communities in the US.

Course Note: Conducted in Portuguese. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors.

Prerequisite: Portuguese 40 or consent.

HCOL: Foreign Lang Citation: Portuguese

FAS: Meets Foreign Lang Req: Portuguese

FAS Divisional Distribution: Arts and Humanities

PORTUG 62

Women's voices in Brazilian culture(s)

Course ID: 220167
2026 Spring (4 Credits)

TR 0130 PM - 0245 PM

Cristiane Soares

In this advanced language and culture course, students learn how Brazilian women have overcome prejudice and gender bias and adopted a leading role in the Brazilian culture and society. Through a range of texts (e.g. paintings, songs, movies, short stories, novels, TV shows) students will master complex grammatical structures and build on the communicative competence acquired in previous levels, with a particular emphasis on developing their analytical skills and writing proficiency. Students engage critically with themes regarding the representation of gender, race, and sexuality within the Brazilian culture and develop their language skills through class discussions, oral presentations, short essays, and creative writing. This course also includes interactive discussions with Portuguese-speaking guests.

Course Note: Conducted in Portuguese. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors.

Prerequisite: PORT 52 OR permission of Course Head.

FAS Divisional Distribution: Arts and Humanities

PORTUG 77

Laughter and Disaster

Course ID: 222824
2026 Spring (4 Credits)

No meeting time listed

Josiah Blackmore

This course engages the twin lenses of the comic and the disastrous as modes of studying Portuguese and Brazilian cultures. We will consider how reactions to disastrous events and how creating comic scenarios in written texts and performance are especially significant in understanding cultural trends, historical moments, individual and collective identities, and the limits and freedoms of transgression. We will regularly pay close attention to language, vocabulary, wordplay, malediction, irony, and exaggeration.

HCOL: Foreign Lang Citation: Portuguese

FAS: Meets Foreign Lang Req: Portuguese

PORTUG 91R

Supervised Reading and Research

Course ID: 116476
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Josiah Blackmore

Tutorial supervision of research on subjects not covered in regular courses.

Course Note: Limited to juniors and seniors. Students wishing to enroll must petition the Undergraduate Adviser in Portuguese for approval, stating the proposed project, and must have the consent of the proposed instructor. Ordinarily, students are required to have taken some course work in the area as background for their project. May not be taken more than twice, and only once for concentration credit.

This course is taught by members of the Department.

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Portuguese

PORTUG 91R

Supervised Reading and Research

Course ID: 116476
2026 Spring (4 Credits)

No meeting time listed

Josiah Blackmore

Tutorial supervision of research on subjects not covered in regular courses.

Course Note: Limited to juniors and seniors. Students wishing to enroll must petition the Undergraduate Adviser in Portuguese for approval, stating the proposed project, and must have the consent of the proposed instructor. Ordinarily, students are required to have taken some course work in the area as background for their project. May not be taken more than twice, and only once for concentration credit.

This course is taught by members of the Department.

HCOL: Foreign Lang Citation: Portuguese

FAS Divisional Distribution: Arts and Humanities

PORTUG 99A

Tutorial - Senior Year

Course ID: 124308
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Josiah Blackmore

For honors seniors writing a thesis. Part one of a two part series.

Course Note: Successful completion of PORTUG 99A and PORTUG 99B is required of all thesis-track honors concentrators. Prior faculty approval of proposed senior thesis topic is also required. Students who do not complete a thesis are required to submit a substantial paper in order to receive course credit.

HCOL: Foreign Lang Citation: Portuguese

FAS Divisional Distribution: Arts and Humanities

PORTUG 99B

Tutorial - Senior Year

No meeting time listed

Josiah Blackmore

Course ID: 159995
2026 Spring (4 Credits)

Instructor Permission Required

For honors seniors writing a thesis. Part two of a two-part series.

Course Note: Successful completion of PORTUG 99A and PORTUG 99B is required of all thesis-track honors concentrators. Students who do not complete a thesis are required to submit a substantial paper in order to receive course credit.

HCOL: Foreign Lang Citation: Portuguese

FAS Divisional Distribution: Arts and Humanities

Full Year Course: Divisible Course

PORTUG 183

Pessoa and the Poetry of the Selves

R 1245 PM - 0245 PM

Josiah Blackmore

Course ID: 218498
2025 Fall (4 Credits)

This course considers the writings of Fernando Pessoa and a company of authors in a wide-ranging study of Portuguese modernism. We will study poetry, prose, and visual culture in order to grasp modernist understandings of the individual in the world, gender, sexuality, national identity, and the emergence of feminism in Portugal. Pessoa and his contemporaries left a lasting legacy in Portuguese culture and in western letters, and we will see how such a legacy was forged in the first decades of the twentieth century. In addition to Pessoa, we will read other modernist writers, including (but not limited to) Mário de Sá-Carneiro, Florbela Espanca, António Botto, Judith Teixeira, Almada Negreiros, Violante de Cysneiros, and Adolfo Casais Monteiro.

Reading knowledge of Portuguese required.

FAS Divisional Distribution: Arts and Humanities

PORTUG 184

Literature of Colonial Brazil

No meeting time listed

Josiah Blackmore

Course ID: 226267
2026 Spring (4 Credits)

This course studies the literature of colonial Brazil. We will consider how texts and writing participate in empire and colonialism, and explore a range of primary texts that engage with the lands, resources, peoples, and legends of Brazil. We will also scrutinize the rhetorical strategies and implicit ideologies embedded in these writings. In our studies we will also consider relevant theoretical writings on early modern empire and Brazil. Topics studied include first encounters, Brazilian nature, the Brazilian indigene, cartography, cannibalism, and monsters.

PORTUG 185

Sea Theory

T 1245 PM - 0245 PM

Josiah Blackmore

Course ID: 226266
2025 Fall (4 Credits)

This course explores the sea as a principle of literature, culture, and history in medieval and early modern Portugal and Brazil. It covers a broad range of textual genres and cultures of writing to understand how the sea, the oceanic, and the aquatic functioned as the basis for understanding and shaping real and imagined experiences, encounters with the new and the unknown, and history and time. From poets to chroniclers and from cosmographers to geographers, we will collectively explore how the sea was construed as a basis of seeing and understanding the world, and how a maritime manner of interpreting realities emerged as a result of overseas voyaging and oceanic expansion.

PORTUG 321 Literature of Brazil: Supervised Reading and Research <i>No meeting time listed</i> Josiah Blackmore	Course ID: 117375 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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PORTUG 321 Literature of Brazil: Supervised Reading and Research <i>No meeting time listed</i> Josiah Blackmore	Course ID: 117375 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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PORTUG 321 (002) Literature of Brazil: Supervised Reading and Research <i>No meeting time listed</i> Bruno Carvalho	Course ID: 117375 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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PORTUG 321 (002) Literature of Brazil: Supervised Reading and Research <i>No meeting time listed</i> Bruno Carvalho	Course ID: 117375 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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PORTUG 322 Literature of Portugal: Supervised Reading and Research <i>No meeting time listed</i> Josiah Blackmore	Course ID: 156629 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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PORTUG 322 Literature of Portugal: Supervised Reading and Research <i>No meeting time listed</i> Josiah Blackmore	Course ID: 156629 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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PORTUG 322 (002) Literature of Portugal: Supervised Reading and Research <i>No meeting time listed</i> Bruno Carvalho	Course ID: 156629 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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PORTUG 322 (002) Literature of Portugal: Supervised Reading and Research <i>No meeting time listed</i> Bruno Carvalho	Course ID: 156629 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
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PORTUG 330 Direction of Doctoral Dissertations <i>No meeting time listed</i> Josiah Blackmore	Course ID: 113633 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
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FAS Divisional Distribution: None

PORTUG 330
Direction of Doctoral Dissertations
No meeting time listed
Josiah Blackmore

Course ID: 113633
2026 Spring (4 Credits)

FAS Divisional Distribution: None

PORTUG 330 (002)
Direction of Doctoral Dissertations
No meeting time listed
Bruno Carvalho

Course ID: 113633
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

PORTUG 330 (002)
Direction of Doctoral Dissertations
No meeting time listed
Bruno Carvalho

Course ID: 113633
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

PORTUG 330 (005)
Direction of Doctoral Dissertations
No meeting time listed
Mariano Siskind

Course ID: 113633
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

PORTUG 330 (005)
Direction of Doctoral Dissertations
No meeting time listed
Mariano Siskind

Course ID: 113633
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

PORTUG 330 (006)
Direction of Doctoral Dissertations
No meeting time listed
Doris Sommer

Course ID: 113633
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

PORTUG 330 (006)

Direction of Doctoral Dissertations

No meeting time listed

Doris Sommer

Course ID: 113633

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ITAL 10

Beginning Italian I - Parliamo Italiano! Pathways to Italy

MTWR 0900 AM - 1015 AM

Chiara Trebaiocchi

Course ID: 113814
2025 Fall (4 Credits)

This is a first semester beginning course designed for students with little or no knowledge of Italian. Through the explorations of six targeted urban areas and various aspects of Italian daily life (the university, home environments, currency, shopping habits, pop songs, and regional cuisines), this course will give you the language you need to communicate simply, but effectively in Italian and to get ready for future adventures in il bel paese. You will learn to talk about personal preferences and daily life; handle basic social exchanges; plan events; and engage in pleasantries, information-sharing, and personal storytelling (about present and past events). Assignments include the exploration of cultural texts (poems, songs, commercials, graffiti), visual tasks (both online and at the Harvard Art Museum), short creative writing assignments (postcards, brief personal essays) and oral projects.

Course Note: Conducted in Italian. Students whose placement score does not entitle them to enter a more advanced course are assigned to Italian 10. Students who have studied Italian for two years or more in secondary school must begin at Italian 11 or higher. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.

FAS: Meets Foreign Lang Req: Italian

FAS Divisional Distribution: None

ITAL 10

Beginning Italian I - Parliamo Italiano! Pathways to Italy

MTWR 0900 AM - 1015 AM

Chiara Trebaiocchi

Course ID: 113814
2026 Spring (4 Credits)

This is a first semester beginning course designed for students with little or no knowledge of Italian. Through the explorations of six targeted urban areas and various aspects of Italian daily life (the university, home environments, currency, shopping habits, pop songs, and regional cuisines), this course will give you the language you need to communicate simply, but effectively in Italian and to get ready for future adventures in il bel paese. You will learn to talk about personal preferences and daily life; handle basic social exchanges; plan events; and engage in pleasantries, information-sharing, and personal storytelling (about present and past events). Assignments include the exploration of cultural texts (poems, songs, commercials, graffiti), visual tasks (both online and at the Harvard Art Museum), short creative writing assignments (postcards, brief personal essays) and oral projects.

Course Note: Conducted in Italian. Students whose placement score does not entitle them to enter a more advanced course are assigned to Italian 10. Students who have studied Italian for two years or more in secondary school must begin at Italian 11 or higher. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Italian

ITAL 10 (002)

Beginning Italian I - Parliamo Italiano! Pathways to Italy

MTWR 1200 PM - 0115 PM

Chiara Trebaiocchi

Course ID: 113814
2025 Fall (4 Credits)

This is a first semester beginning course designed for students with little or no knowledge of Italian. Through the explorations of six targeted urban areas and various aspects of Italian daily life (the university, home environments, currency, shopping habits, pop songs, and regional cuisines), this course will give you the language you need to communicate simply, but effectively in Italian and to get ready for future adventures in il bel paese. You will learn to talk about personal preferences and daily life; handle basic social exchanges; plan events; and engage in pleasantries, information-sharing, and personal storytelling (about present and past events). Assignments include the exploration of cultural texts (poems, songs, commercials, graffiti), visual tasks (both online and at the Harvard Art Museum), short creative writing assignments (postcards, brief personal essays) and oral projects.

Course Note: Conducted in Italian. Students whose placement score does not entitle them to enter a more advanced course are assigned to Italian 10. Students who have studied Italian for two years or more in secondary school must begin at Italian 11 or higher. May not be taken Pass/Fail but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Italian

ITAL 11

Beginning Italian II - Parliamo Italiano! The Art & Craft of Italy

MWF 1030 AM - 1145 AM

Chiara Trebaiocchi

This second semester beginning-level Italian course will engage you in interactive communicative activities that provide rich exposure to the Italian language and culture(s). In this class, you will continue to develop and strengthen oral and written competence, as well as reading and comprehension skills, building your vocabulary and learning the grammar points necessary for more analytical conversations (using hypotheticals, the conditional, the subjunctive, and indirect discourse). Specifically, you will be able to: describe and narrate simple events in the past and in the future, make comparisons, express opinions and possibilities, and engage in discussions. You will explore six targeted urban areas in Italy while discussing cultural topics, telling stories about travel, and engaging with Italian literature, cinema, music, and pop culture. In the second half of the semester, you will watch an award-winning movie, *La meglio gioventù*, that will provide ample opportunities to discuss the history of modern Italy and to learn more about Italian politics and contemporary issues. Course work will include individual and in group presentations and short creative writing and oral assignments, based on authentic texts and artifacts. In-class assignments will be supplemented with individualized conversations with native speakers of Italian to further enhance your understanding of the diversity of cultural perspectives within Italian communities.

Course Note: May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.

Italian 10, or a score of 301-450 on the SAT II test or the Harvard Placement test, or a score below 3 on the Italian AP exam, or two years of high school Italian, or permission of course head.

FAS: Meets Foreign Lang Req: Italian

FAS Divisional Distribution: None

ITAL 11

Beginning Italian II - Parliamo Italiano! The Art & Craft of Italy

MWF 0900 AM - 1015 AM

Chiara Trebaiocchi

This second semester beginning-level Italian course will engage you in interactive communicative activities that provide rich exposure to the Italian language and culture(s). In this class, you will continue to develop and strengthen oral and written competence, as well as reading and comprehension skills, building your vocabulary and learning the grammar points necessary for more analytical conversations (using hypotheticals, the conditional, the subjunctive, and indirect discourse). Specifically, you will be able to: describe and narrate simple events in the past and in the future, make comparisons, express opinions and possibilities, and engage in discussions. You will explore six targeted urban areas in Italy while discussing cultural topics, telling stories about travel, and engaging with Italian literature, cinema, music, and pop culture. In the second half of the semester, you will watch an award-winning movie, *La meglio gioventù*, that will provide ample opportunities to discuss the history of modern Italy and to learn more about Italian politics and contemporary issues. Course work will include individual and in group presentations and short creative writing and oral assignments, based on authentic texts and artifacts. In-class assignments will be supplemented with individualized conversations with native speakers of Italian to further enhance your understanding of the diversity of cultural perspectives within Italian communities.

Course Note: May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.

Italian 10, or a score of 301-450 on the SAT II test or the Harvard Placement test, or a score below 3 on the Italian AP exam, or two years of high school Italian, or permission of course head.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Italian

Course ID: 125061

2025 Fall (4 Credits)

Course ID: 125061

2026 Spring (4 Credits)

Instructor Permission Required

ITAL 11 (002)

Beginning Italian II - Parliamo Italiano! The Art & Craft of Italy

MWF 1030 AM - 1145 AM

Chiara Trebaiocchi

Course ID: 125061
2026 Spring (4 Credits)

Instructor Permission Required

This second semester beginning-level Italian course will engage you in interactive communicative activities that provide rich exposure to the Italian language and culture(s). In this class, you will continue to develop and strengthen oral and written competence, as well as reading and comprehension skills, building your vocabulary and learning the grammar points necessary for more analytical conversations (using hypotheticals, the conditional, the subjunctive, and indirect discourse). Specifically, you will be able to: describe and narrate simple events in the past and in the future, make comparisons, express opinions and possibilities, and engage in discussions. You will explore six targeted urban areas in Italy while discussing cultural topics, telling stories about travel, and engaging with Italian literature, cinema, music, and pop culture. In the second half of the semester, you will watch an award-winning movie, *La meglio gioventù*, that will provide ample opportunities to discuss the history of modern Italy and to learn more about Italian politics and contemporary issues. Course work will include individual and in group presentations and short creative writing and oral assignments, based on authentic texts and artifacts. In-class assignments will be supplemented with individualized conversations with native speakers of Italian to further enhance your understanding of the diversity of cultural perspectives within Italian communities.

Course Note: May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.

Italian 10, or a score of 301-450 on the SAT II test or the Harvard Placement test, or a score below 3 on the Italian AP exam, or two years of high school Italian, or permission of course head.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Italian

ITAL 15

Intensive Beginning Italian: Gateway to Italy

MTWRF 0130 PM - 0245 PM

Chiara Trebaiocchi

Course ID: 112340
2025 Fall (8 Credits)

This is an intensive and complete first-year course in one term for students with no knowledge of Italian, focused on developing all four communicative skills. You will learn how to talk about personal topics, likes and dislikes, and your immediate environment (such as family, school, friends, daily routine); handle basic social exchanges (such as eating out or planning events); describe and narrate simple events in the present, past, and future; make comparisons; express possibility; present your point of view; and engage in discussions. By the end of this course, you will have the linguistic and cultural foundations necessary for your adventures all'italiana. You will be introduced to contemporary Italian culture through a variety of topics from everyday life (family, shopping, food, fashion) to the arts (music, literature, cinema). Materials include films such as *La meglio gioventù* and cultural readings that explore the history of modern Italy (i.e., 1968, Italian Terrorism, the mafia, etc.). Assignments include short creative writing and oral projects, cooking activities, and multimedia presentations. In-class assignments will be supplemented with individualized conversations with native speakers of Italian to further enhance your understanding of the diversity of cultural perspectives within Italian communities.

Course Note: Not open to auditors. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students.

An advanced knowledge of at least one foreign language, preferably a modern Romance language, but no previous study of Italian.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Italian

ITAL 15

Intensive Beginning Italian: Gateway to Italy

MTWRF 0130 PM - 0245 PM

Chiara Trebaiocchi

Course ID: 112340
2026 Spring (8 Credits)

Instructor Permission Required

This is an intensive and complete first-year course in one term for students with no knowledge of Italian, focused on developing all four communicative skills. You will learn how to talk about personal topics, likes and dislikes, and your immediate environment (such as family, school, friends, daily routine); handle basic social exchanges (such as eating out or planning events); describe and narrate simple events in the present, past, and future; make comparisons; express possibility; present your point of view; and engage in discussions. By the end of this

course, you will have the linguistic and cultural foundations necessary for your adventures all'italiana. You will be introduced to contemporary Italian culture through a variety of topics from everyday life (family, shopping, food, fashion) to the arts (music, literature, cinema). Materials include films such as *La meglio gioventù* and cultural readings that explore the history of modern Italy (i.e., 1968, Italian Terrorism, the mafia, etc.). Assignments include short creative writing and oral projects, cooking activities, and multimedia presentations. In-class assignments will be supplemented with individualized conversations with native speakers of Italian to further enhance your understanding of the diversity of cultural perspectives within Italian communities.

Course Note: Not open to auditors. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students.

An advanced knowledge of at least one foreign language, preferably a modern Romance language, but no previous study of Italian.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Italian

ITAL 16

Course ID: 113582

Reading, Understanding and Translating Written Italian for Research

2025 Fall (4 Credits)

MW 0130 PM - 0245 PM

Instructor Permission Required

Chiara Trebaiocchi

This beginning level Italian course, for undergraduate and graduate students, will prepare you to read, understand, and translate academic and literary Italian texts for research. Materials will be selected in accordance with the needs and interests of enrolled students. You will develop individualized reading/research goals in your academic field of interest, such as translating a 16th-century Italian treatise on architecture or reading a novel in Italian by Elena Ferrante. Group discussion sessions will facilitate discussion of targeted reading strategies and individualized meetings will be regularly scheduled to respond to your personal translation needs.

Course Note: Taught in English. Not open to auditors. May not be used to fulfill the language requirement. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students.

Some previous study of a Romance language helpful but not necessary. Fluency in English required.

FAS Divisional Distribution: None

ITAL 20

Course ID: 128265

Intermediate Italian: The Colors of Italian Pop Lit

2025 Fall (4 Credits)

MWF 1200 PM - 0115 PM

Instructor Permission Required

Chiara Trebaiocchi

In this intermediate Italian course, inspired by the "colors" of Italian pop literature and culture, you will strengthen previously learned grammatical structures and master more challenging ones that will allow you to handle various communicative tasks, both in writing and in spontaneous conversation, such as: expressing and comparing preferences and experiences on various topics; narrating stories; presenting opinions and debating the opinions of others; formulating hypotheses; comparing situations. Through the exploration of a variety of authentic Italian materials (from romance to crime stories to graphic novels and even the Spaghetti Westerns movies) and a structured review of grammar, you will increase your language proficiency and broaden your vocabulary in a communicative and meaningful context. Targeted assignments throughout the semester will give you ample opportunities to practice your written Italian (letters, short essays, brief film reviews, summaries) as well your oral competence (recordings, in group discussions). In-class assignments will be supplemented with individualized conversations with native speakers of Italian to further expand your cultural awareness of *il bel paese* and to explore the diversity of cultural perspectives within Italian communities.

Course Note: Conducted in Italian. May count toward the language requirement. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.

A score of 451-600 on the SAT II test or the Harvard Placement test, or a score of 3 on the Italian AP Exam; Italian 11 or 15; or permission of course head.

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: Italian

FAS: Meets Foreign Lang Req: Italian

Intermediate Italian: The Colors of Italian Pop Lit

MWF 0900 AM - 1015 AM

Chiara Trebaiocchi

In this intermediate Italian course, inspired by the "colors" of Italian pop literature and culture, you will strengthen previously learned grammatical structures and master more challenging ones that will allow you to handle various communicative tasks, both in writing and in spontaneous conversation, such as: expressing and comparing preferences and experiences on various topics; narrating stories; presenting opinions and debating the opinions of others; formulating hypotheses; comparing situations. Through the exploration of a variety of authentic Italian materials (from romance to crime stories to graphic novels and even the Spaghetti Westerns movies) and a structured review of grammar, you will increase your language proficiency and broaden your vocabulary in a communicative and meaningful context. Targeted assignments throughout the semester will give you ample opportunities to practice your written Italian (letters, short essays, brief film reviews, summaries) as well your oral competence (recordings, in group discussions). In-class assignments will be supplemented with individualized conversations with native speakers of Italian to further expand your cultural awareness of il bel paese and to explore the diversity of cultural perspectives within Italian communities.

Course Note: Conducted in Italian. May count toward the language requirement. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.

A score of 451-600 on the SAT II test or the Harvard Placement test, or a score of 3 on the Italian AP Exam; Italian 11 or 15; or permission of course head.

HCOL: Foreign Lang Citation: Italian

FAS: Meets Foreign Lang Req: Italian

FAS Divisional Distribution: None

Upper-Level Italian: Italiano in Verde: Sustainability Issues in the Italian Classroom

TR 0130 PM - 0245 PM

Chiara Trebaiocchi

This course revisits structures, refines speaking and writing skills, and advances critical linguistic exchanges through the discussion of environmental, cultural, economic, and social issues of sustainability. Through the interpretation of films, novels, short stories, newspaper articles, podcasts, maps, and comics, you will be empowered to discuss such topics, relevant both for the Italian discourse and on a global scale, while revisiting and expanding vocabulary and reviewing grammar in context. Class discussions will encourage the interpretation, analysis, and discussion of current media (advertisements, documentaries, social media, and articles) on climate change, the slow food movement, environmental justice, sustainable tourism, migration and activism. Assignments (oral presentations, weekly written essays, short video recordings) are designed to advance discussions of Italian culture, introduce you to contemporary spoken and written Italian language (i.e., colloquial language), and refine fluency and pronunciation.

Course Note: Conducted in Italian. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.

Italian 20; a score of 601-680 on the SAT II test or the Harvard Placement test, or a score of 4 on the Italian AP exam; or permission of course head.

FAS: Meets Foreign Lang Req: Italian

HCOL: Foreign Lang Citation: Italian

FAS Divisional Distribution: Arts and Humanities

Upper-Level Italian: Italiano in Verde: Sustainability Issues in the Italian Classroom

TR 1200 PM - 0115 PM

Chiara Trebaiocchi

This course revisits structures, refines speaking and writing skills, and advances critical linguistic exchanges through the discussion of environmental, cultural, economic, and social issues of sustainability. Through the interpretation of films, novels, short stories, newspaper articles, podcasts, maps, and comics, you will be empowered to discuss such topics, relevant both for the Italian discourse and on a global scale, while revisiting

and expanding vocabulary and reviewing grammar in context. Class discussions will encourage the interpretation, analysis, and discussion of current media (advertisements, documentaries, social media, and articles) on climate change, the slow food movement, environmental justice, sustainable tourism, migration and activism. Assignments (oral presentations, weekly written essays, short video recordings) are designed to advance discussions of Italian culture, introduce you to contemporary spoken and written Italian language (i.e., colloquial language), and refine fluency and pronunciation.

Course Note: Conducted in Italian. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors. This course is taught by members of the Department.

Italian 20; a score of 601-680 on the SAT II test or the Harvard Placement test, or a score of 4 on the Italian AP exam; or permission of course head.

FAS: Meets Foreign Lang Req: Italian

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Italian

ITAL 40

Advanced Italian I: Italian Through Cinema: Oral Expression and Performance

Course ID: 116233

2025 Fall (4 Credits)

TR 1200 PM - 0115 PM

Chiara Trebaiocchi

Through the exploration of both old and contemporary Italian movies in comparison, you will explore themes such as: immigration, family and stereotypes, regional difference between the North and the South, and the cinematic representation of mafie, among others. Course work – which include analysis of scripts excerpts and film reviews, creative writing assignments, presentations, and a group final project – is designed to advance language proficiency, explore different dialects and registers of language (formal and colloquial expressions), and review advanced grammatical structures in context. You will gain confidence expressing opinions on a variety of topics and in different registers; and deepen your understanding of the multifaceted nature of Italian culture(s). No previous knowledge of Italian movies or film studies is required.

Course Note: Conducted in Italian. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Appropriate for concentrators electing the Italian Studies or Romance Studies track. Not open to auditors. This course is taught by members of the Department.

A score of 681-720 on the SAT II or the Harvard Placement Test, or a score of 5 on the Italian AP exam; Italian 30; equivalent preparation; or permission of course head.

FAS: Meets Foreign Lang Req: Italian

HCOL: Foreign Lang Citation: Italian

FAS Divisional Distribution: Arts and Humanities

ITAL 40

Advanced Italian I: Italian Through Cinema: Oral Expression and Performance

Course ID: 116233

2026 Spring (4 Credits)

TR 0130 PM - 0245 PM

Chiara Trebaiocchi

Instructor Permission Required

Through the exploration of both old and contemporary Italian movies in comparison, you will explore themes such as: immigration, family and stereotypes, regional difference between the North and the South, and the cinematic representation of mafie, among others. Course work – which include analysis of scripts excerpts and film reviews, creative writing assignments, presentations, and a group final project – is designed to advance language proficiency, explore different dialects and registers of language (formal and colloquial expressions), and review advanced grammatical structures in context. You will gain confidence expressing opinions on a variety of topics and in different registers; and deepen your understanding of the multifaceted nature of Italian culture(s). No previous knowledge of Italian movies or film studies is required.

Course Note: Conducted in Italian. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Appropriate for concentrators electing the Italian Studies or Romance Studies track. Not open to auditors. This course is taught by members of the Department.

A score of 681-720 on the SAT II or the Harvard Placement Test, or a score of 5 on the Italian AP exam; Italian 30; equivalent preparation; or permission of course head.

HCOL: Foreign Lang Citation: Italian

ITAL 50

Advanced Italian II: Advanced Written Expression - Writing for Social Justice

Course ID: 127889
2026 Spring (4 Credits)

TR 1200 PM - 0115 PM

Chiara Trebaiocchi

Italian 50 will focus on writing as a form of civic engagement through the lens of social justice in Italy. This theme-based course is designed to develop advanced competence in written expression through guided examination of stylistics and pragmatics. It will revisit grammatical structures, refine speaking and writing skills, and advance critical and meaningful exchanges through the discussion of social justice themes in Italy. The course will include the exploration of both literary and non-literary genres and authentic texts (films, novels, newspaper articles, podcasts, etc.) that will help students perfect their personal style in Italian. Students will investigate themes such as LGBTQ+ activism and civil right movements in Italy, prison education, sexism and gender in Italian literature, culture, and society, among others, by analyzing a wide range of authentic texts, films, documents, and materials. By the end of the course, students will be able to: recognize and produce different genres of written and spoken Italian; identify features of language including differences in register; and write more confidently in academic Italian. Students will enhance their writing proficiency and develop their academic language by practicing different types of creative and analytical writing assignments (movie and book reviews, social media posts, subjective and objective descriptions, argumentative essays, among others).

Course Note: Conducted in Italian. Appropriate for concentrators electing the Italian Studies or Romance Studies track. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors.

A score between 721-750 on the SAT II or on the Harvard Placement Test; Italian 40; or permission of course head.

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Italian

FAS: Meets Foreign Lang Req: Italian

ITAL 50

Advanced Italian II: Advanced Written Expression - Writing for Social Justice

Course ID: 127889
2025 Fall (4 Credits)

TR 0130 PM - 0245 PM

Chiara Trebaiocchi

Italian 50 will focus on writing as a form of civic engagement through the lens of social justice in Italy. This theme-based course is designed to develop advanced competence in written expression through guided examination of stylistics and pragmatics. It will revisit grammatical structures, refine speaking and writing skills, and advance critical and meaningful exchanges through the discussion of social justice themes in Italy. The course will include the exploration of both literary and non-literary genres and authentic texts (films, novels, newspaper articles, podcasts, etc.) that will help students perfect their personal style in Italian. Students will investigate themes such as LGBTQ+ activism and civil right movements in Italy, prison education, sexism and gender in Italian literature, culture, and society, among others, by analyzing a wide range of authentic texts, films, documents, and materials. By the end of the course, students will be able to: recognize and produce different genres of written and spoken Italian; identify features of language including differences in register; and write more confidently in academic Italian. Students will enhance their writing proficiency and develop their academic language by practicing different types of creative and analytical writing assignments (movie and book reviews, social media posts, subjective and objective descriptions, argumentative essays, among others).

Course Note: Conducted in Italian. Appropriate for concentrators electing the Italian Studies or Romance Studies track. May not be taken Pass/Fail, but may be taken Sat/Unsat by GSAS students. Not open to auditors.

A score between 721-750 on the SAT II or on the Harvard Placement Test; Italian 40; or permission of course head.

HCOL: Foreign Lang Citation: Italian

FAS: Meets Foreign Lang Req: Italian

FAS Divisional Distribution: Arts and Humanities

The Italian Sonnet*No meeting time listed**Ambrogio Camozzi Pistoja*

This course offers a concise yet complete survey of the most transformative poetic forms in Italian and Western literature, the sonnet. We will trace its evolution chronologically and thematically, using an anthology of approximately 70 sonnets to understand how this fourteen-line structure became a powerful medium of poetic exchange across historical, geographical, social, and linguistic boundaries. Analyzing which sonnets were taught in schools at various times will shed light on shifting cultural values and national identity. Engaging with Italian metrics, translation studies, and gender perspectives, students will complete short critical and creative assignments—both individually and in groups—to perfect their oral and written skills in Italian. We will explore topics such as feminist rewritings, the performative use of poetry, and postmodern experimentation—to fully appreciate the enduring vitality of this form. More practically, students will learn how to precisely analyze the prosodic elements of Italian, including syllable counts, accentual patterns, and rhythmic structures, thereby acquiring advanced skills in literary analysis, poetic composition, and linguistic proficiency. Weekly assignments include short commentaries, and memorization and recitation of selected texts. This course offers a concise yet complete survey of the most transformative poetic forms in Italian and Western literature, the sonnet. We will trace its evolution chronologically and thematically, using an anthology of approximately 70 sonnets to understand how this fourteen-line structure became a powerful medium of poetic exchange across historical, geographical, social, and linguistic boundaries. Analyzing which sonnets were taught in schools at various times will shed light on shifting cultural values and national identity. Engaging with Italian metrics, translation studies, and gender perspectives, students will complete short critical and creative assignments—both individually and in groups—to perfect their oral and written skills in Italian. We will explore topics such as feminist rewritings, the performative use of poetry, and postmodern experimentation—to fully appreciate the enduring vitality of this form. More practically, students will learn how to precisely analyze the prosodic elements of Italian, including syllable counts, accentual patterns, and rhythmic structures, thereby acquiring advanced skills in literary analysis, poetic composition, and linguistic proficiency. Weekly assignments include short commentaries, and memorization and recitation of selected texts.

HCOL: Foreign Lang Citation: Italian

ITAL 91RCourse ID: 111393
2025 Fall (4 Credits)**Supervised Reading and Research***No meeting time listed**Instructor Permission Required**Ambrogio Camozzi Pistoja, Chiara Trebaiocchi*

Tutorial supervision of research on subjects not treated in regular courses.

Course Note: Limited to juniors and seniors. Students wishing to enroll must petition the Undergraduate Adviser in Italian for approval, stating the proposed project, and must have the consent of the proposed instructor. Ordinarily, students are required to have taken some course work in the area as background for their project. May not be taken more than twice, and only once for concentration credit.

This course is taught by members of the Department.

HCOL: Foreign Lang Citation: Italian

FAS Divisional Distribution: Arts and Humanities

ITAL 91RCourse ID: 111393
2026 Spring (4 Credits)**Supervised Reading and Research***No meeting time listed**Instructor Permission Required**Ambrogio Camozzi Pistoja*

Tutorial supervision of research on subjects not treated in regular courses.

Course Note: Limited to juniors and seniors. Students wishing to enroll must petition the Undergraduate Adviser in Italian for approval, stating the proposed project, and must have the consent of the proposed instructor. Ordinarily, students are required to have taken some course work in the area as background for their project. May not be taken more than twice, and only once for concentration credit.

This course is taught by members of the Department.

HCOL: Foreign Lang Citation: Italian

ITAL 99A

Tutorial - Senior Year

No meeting time listed

Ambrogio Camozzi Pistoja

For honors seniors writing a thesis. Part one of a two-part series.

Course Note: Successful completion of ITAL 99A and ITAL 99B is required of all thesis-track honors concentrators. Prior faculty approval of proposed senior thesis topic is also required. Students who do not complete a thesis are required to submit a substantial paper in order to receive course credit.

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Italian

Full Year Course: Divisible Course

Course ID: 122541

2025 Fall (4 Credits)

Instructor Permission Required

ITAL 99B

Tutorial - Senior Year

No meeting time listed

Ambrogio Camozzi Pistoja

For honors seniors writing a thesis. Part two of a two-part series.

Course Note: Successful completion of ITAL 99A and ITAL 99B is required of all thesis-track honors concentrators. Students who do not complete a thesis are required to submit a substantial paper in order to receive course credit.

HCOL: Foreign Lang Citation: Italian

FAS Divisional Distribution: Arts and Humanities

Full Year Course: Divisible Course

Course ID: 159978

2026 Spring (4 Credits)

ITAL 106

Boccaccio from Cover to Cover

TR 0600 PM - 0715 PM

Ambrogio Camozzi Pistoja

Giovanni Boccaccio stands at the confluence of two epochs in European and Mediterranean cultural history, cleaved apart by the Black Death (ca. 1348). He lived and thrived amid the world's most dynamic crossroads of cultures, languages, and trade routes of his era. Boccaccio is a walking archive of the medieval orders and a herald, anarchic and experimental, of the Renaissance. He is literature—literature as storytelling, healing, and pastime—but also as a means of manufacturing affective communities and preserving collective memory. He was a restless scribe who spent his life, to the very last days, salvaging stories of others, amassing fragments of historical, geographical, and mythological information, redefining each of these domains in the process. This course centers on his vernacular masterpiece, the *Decameron*: 100 tales spun over 10 days by 7 young women and 3 young men fleeing plague-ravaged Florence. We will discuss gender dynamics—the book's dedication to women and its misogynistic portrayals—Boccaccio's narrative recombination, a storytelling method that changed European literary history and prefigures modern generative AI.

FAS Divisional Distribution: Arts and Humanities

Course ID: 226331

2025 Fall (4 Credits)

ITAL 111

Italian Cinema: 10 Masterpieces

No meeting time listed

Francesco Erspamer

An introduction to ten most inspiring and much-discussed Italian films from Neorealism to today.

Course ID: 213688

2026 Spring (4 Credits)

ITAL 146

The Italian Constitution: Foundations of a Republic (art. 1-12)

TR 1200 PM - 0115 PM

*Ambrogio Camozzi Pistoja*Course ID: 226332
2025 Fall (4 Credits)

This seminar examines the fundamental principles of the Italian Constitution (Articles 1-12), dedicating one article per week to an in-depth study. Students will memorize these articles by semester's end, mastering their text and significance. Each week, lectures and readings draw from the Constituent Assembly's records—oral interventions and written documents from the body that shaped the newly formed Italian Republic in 1946-1948. Socio-cultural explorations will contextualize key themes: work as the Republic's foundation (Article 1), gender equality (Article 3), Church-State relations (Article 7), freedom of religion (Article 8), cultural heritage and environmental protection (Article 9), rights of foreigners, refugees, and immigrants (Article 10), the rejection of war (Article 11), and the symbolism of the Italian flag (Article 12). Students will uncover the principles defining modern Italy, engaging relevant areas of interest such as environmental justice, gender equality, migration policy, and European integration.

FAS Divisional Distribution: Arts and Humanities

ITAL 201R

De Bosis Colloquium in Italian Studies*No meeting time listed**Francesco Erspamer*Course ID: 123829
2026 Spring (4 Credits)

Current scholars in the field of Italian Studies present their books on literature, philosophy, art and architecture, music, history, politics, and the social sciences. Students also learn how to conduct video interviews and write book reviews.

Course Note: Conducted in Italian and English.

FAS Divisional Distribution: Arts and Humanities

ITAL 238

Alchemy and Literature*No meeting time listed**Ambrogio Camozzi Pistoja*Course ID: 226179
2026 Spring (4 Credits)

Matter—pure potency, pure capacity for being—has consistently eluded humanity's intellectual and experimental efforts. From the shores of Ningbo to the deserts of Los Alamos, though its names have changed, its essence remains the same. It is Hesiod's chaos, the tehom of Genesis (1:2), Plato's chōra, Aristotle's prote hyle, the silva of Latin hylomorphism, the alchemical lapis, and the sterile neutrino. Prime matter is the gateway to manipulating the very fabric of the physical world, to obtain gold, eternal youth, healing, perpetual energy, a new or meta-universe, or the crafting of the greatest literary masterpiece of all time. The ancient mythographers did not surrender to the resigned conclusions of logic, but instead depicted matter in the form of a god. They named it Proteus, proto-theos, the azure entity capable of becoming anything, the inkwell into which any pen that writes of transmutation and change has been dipped. This advanced seminar offers students the possibility to reassemble an intergenerational conversation on the concept of pure matter with original, comparative readings of the Proteus myth as it appears in Homer, Virgil, Plutarch, the Carolingians, Jean du Meun, Dante, Ariosto and Tasso— while also adumbrating its continuation in the writings of Giordano Bruno, Goethe, Shelley, and Primo Levi. Particular attention will be paid to both Bibelalchemie and mythoalchemie.

ITAL 320

Italian Literature: Supervised Reading and Research*No meeting time listed**Francesco Erspamer*Course ID: 114255
2025 Fall (4 Credits)*Instructor Permission Required*

ITAL 320	Course ID: 114255
Italian Literature: Supervised Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Francesco Erspamer</i>	

ITAL 320 (002)	Course ID: 114255
Italian Literature: Supervised Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Ambrogio Camozzi Pistoja</i>	

ITAL 320 (002)	Course ID: 114255
Italian Literature: Supervised Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Ambrogio Camozzi Pistoja</i>	

ITAL 320 (005)	Course ID: 114255
Italian Literature: Supervised Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Jeffrey Schnapp</i>	

ITAL 320 (005)	Course ID: 114255
Italian Literature: Supervised Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Jeffrey Schnapp</i>	

ITAL 330	Course ID: 113341
Direction of Doctoral Dissertations	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Francesco Erspamer</i>	

FAS Divisional Distribution: None

ITAL 330	Course ID: 113341
Direction of Doctoral Dissertations	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Francesco Erspamer</i>	

FAS Divisional Distribution: None

ITAL 330 (002)	Course ID: 113341
Direction of Doctoral Dissertations	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Ambrogio Camozzi Pistoja</i>	

FAS Divisional Distribution: None

ITAL 330 (002)

Direction of Doctoral Dissertations

No meeting time listed

Ambrogio Camozzi Pistoja

Course ID: 113341

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ITAL 330 (003)

Direction of Doctoral Dissertations

No meeting time listed

Jeffrey Schnapp

Course ID: 113341

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

ITAL 330 (003)

Direction of Doctoral Dissertations

No meeting time listed

Jeffrey Schnapp

Course ID: 113341

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

Romance Studies

ROM-STD 91R

Course ID: 123138
2025 Fall (4 Credits)

Supervised Reading and Research

No meeting time listed

Instructor Permission Required

Kathy Richman

Tutorial supervision of research in subjects not treated in regular courses.

Course Note: Limited to juniors and seniors. Students wishing to enroll must petition the Undergraduate Adviser in Romance Studies for approval, stating the proposed project, and must have the consent of the proposed instructor. Ordinarily, students are required to have taken some course work in the area as background for their project. May not be taken more than twice, and only once for concentration credit.

This course is taught by members of the Department.

FAS Divisional Distribution: Arts and Humanities

ROM-STD 91R

Course ID: 123138
2026 Spring (4 Credits)

Supervised Reading and Research

No meeting time listed

Kathy Richman

Tutorial supervision of research in subjects not treated in regular courses.

Course Note: Limited to juniors and seniors. Students wishing to enroll must petition the Undergraduate Adviser in Romance Studies for approval, stating the proposed project, and must have the consent of the proposed instructor. Ordinarily, students are required to have taken some course work in the area as background for their project. May not be taken more than twice, and only once for concentration credit.

This course is taught by members of the Department.

FAS Divisional Distribution: Arts and Humanities

ROM-STD 97

Course ID: 114941
2026 Spring (4 Credits)

Sophomore Tutorial: Poetics, Practice, and Politics in Romance Societies

No meeting time listed

Kathy Richman

This course introduces students to a range of analytical and theoretical approaches to "reading" fiction, poetry, film, and essays. We will pair critical writings and creative texts of importance to the Romance world to help students develop their own voice and analytical stance. Prepares students for advanced work in literary and cultural studies in Romance Languages and Literatures and related fields.

Course Note: Successful completion of one term of Romance Studies 97 (or equivalent) is required of all concentrators in their sophomore year.

FAS Divisional Distribution: Arts and Humanities

ROM-STD 99A

Course ID: 108907
2025 Fall (4 Credits)

Tutorial - Senior Year

No meeting time listed

Instructor Permission Required

Kathy Richman

For honors seniors writing a thesis. Part one of a two-part series.

Course Note: Successful completion of ROM-STD 99A and ROM-STD 99B is required of all thesis-track honors concentrators. Prior faculty approval of proposed senior thesis topic is also required. Students who do not complete a thesis are required to submit a substantial paper in order to receive course credit.

This course is taught by members of the Department.

ROM-STD 99B

Course ID: 159850
2026 Spring (4 Credits)

Tutorial - Senior Year

No meeting time listed

Kathy Richman

For honors seniors writing a thesis. Part two of a two-part series.

Course Note: Successful completion of ROM-STD 99A and ROM-STD 99B is required of all thesis-track honors concentrators. Students who do not complete a thesis are required to submit a substantial paper in order to receive course credit.

Full Year Course: Divisible Course
FAS Divisional Distribution: Arts and Humanities

ROM-STD 110

Course ID: 161274
2025 Fall (4 Credits)

Haiti, Cuba, Martinique: Plotting Resistance in Fiction and Film

TR 1030 AM - 1145 AM

Kathy Richman

What makes a novel moving, a film disturbing? How does humor work, even in the grimmest context? "Haiti, Cuba, Martinique" explores these aesthetic questions in works that engage slavery and its legacies, resistance and revolution, and paths to "development." We will consider historical context and discuss categories like "genre" fiction, didactic writing, realism, romanticism, and la littérature engagée, or "committed" literature. Includes works by Alejo Carpentier, Chamoiseau, Condé, Guillén, Gutiérrez Alea, Lahens, and Roumain.

Course Note: Taught in English. For concentration and secondary credit in Romance Languages and Literatures, readings and written work must be done in French or Spanish.

FAS Divisional Distribution: Arts and Humanities

ROM-STD 166

Course ID: 226335
2026 Spring (4 Credits)

Calvino and Computation

No meeting time listed

Jeffrey Schnapp

The seminar is built around a sequence of fundamental questions regarding the literary disciplines and media studies, their history and epistemology. Discussions are instigated by readings in philology, stylistics, the history of ideas, semiotics, structuralism, psychoanalysis, post-structuralism, film and media theory, genetic criticism, literary sociology, cultural studies, and digital humanities.

ROM-STD 201

Course ID: 205260
2025 Fall (4 Credits)

Questions of Theory

F 0900 AM - 1145 AM

Jeffrey Schnapp, John T. Hamilton

The seminar is built around a sequence of fundamental questions regarding the literary disciplines and media studies, their history and epistemology. Discussions are instigated by readings in philology, stylistics, the history of ideas, semiotics, structuralism, psychoanalysis, post-structuralism, film and media theory, genetic criticism, literary sociology, cultural studies, and digital humanities.

Course Note: Conducted in English. This course is offered as ROM-STD 201, COMPLIT 291x, and GERMAN 291. Credit may be earned for one course only.

FAS Divisional Distribution: Arts and Humanities

ROM-LANG 205

Course ID: 226306
2025 Fall (4 Credits)

Pedagogies of Liberation: Race, Gender, and Class(rooms)

T 1200 PM - 0200 PM

Adriana Gutierrez, Doris Sommer

This course is meant as preparation and accompaniment for new teachers of language and literature. It is designed for anyone dedicated to developing a pedagogical praxis that alternates between theory and implementation. The objective is to achieve a rigorous theoretical framework for the formative work of language instruction that supports literary analysis. The exemplary teachers featured in this course display a remarkable coherence of good practices that remain "alternative" to normalized approaches that are less effective intellectually and less supportive socially. For the final project, students will present a potential series of lessons inspired by one or more of the featured theorists. For graduate students of literature in RLL, language arts are the featured vehicle for language instruction. Learning and teaching Romance languages combines technical mastery with creative and critical skills. To develop this interlocking range of skills we count on foundational pedagogies from Romance Language territories and beyond. Our pedagogical pioneers share a mission to democratize societies marked by legacies of slavery, extractionism, and patriarchy.

There will be an additional 1-hour clinic with Dr. Gutierrez, time to be arranged.

FAS Divisional Distribution: Arts and Humanities

ROM-LANG 210

Course ID: 136717
2025 Fall (4 Credits)

Language Pedagogy: Theories, Approaches, and Practices

W 0300 PM - 0500 PM

Instructor Permission Required

Nicole Mills

This course is designed for TFs and TAs in the department of Romance Languages and Literatures who are teaching a Romance language at Harvard for the first time, or those who are interested in foreign language learning and teaching. It introduces TAs and TFs to theories of second language acquisition (SLA) and explores their implications for the teaching of foreign language, culture, and literature. The course provides opportunities for students to learn to enact the specific pedagogical practices deemed essential to foreign language teaching. The intensive week before the start of classes includes reports on and discussion of general SLA theories and demonstrations and analysis of varied instructional approaches.

Course Note: ROM-LANG 210 is the required course for graduate students who will be teaching a language course in the Department of Romance Languages and Literatures for the first time.

Students are required to attend the pre-service seminar before classes begin. Students who do not attend the pre-service seminar will not be permitted to enroll in the course. For details and further information, please contact the Course Heads. May be taken SAT/UNS. Permission of Course Head required.

FAS Divisional Distribution: None

ROM-LANG 230

Course ID: 216381
2026 Spring (4 Credits)

Teaching Languages, Cultures and Literatures

No meeting time listed

Maria Parra-Velasco

This course is addressed to experienced TFs and TAs who are currently teaching foreign languages, literatures and cultures at Harvard. It will present and use theories coming from the disciplines of language pedagogy, relevant applied linguistic research, socio-linguistics, anthropology, and literary criticism, applied to classroom experience whether online or in situ. The course is conceived as a space of open and structured discussion among humanists and social scientists specializing in different fields, teachers at different stages of their careers, and individuals coming from diverse linguistic, cultural and social backgrounds. We will learn from each other through comparing theories, practices, and stories.

Course Note: This course fulfills one of the requirements of the Bok Certificate in Teaching Language and Culture (in collaboration with the Bok Center for Teaching and Learning).

FAS Divisional Distribution: None

RLL Prospectus Workshop*No meeting time listed**Annabel Kim*

The main objective of this workshop is to help doctoral students in RLL develop their prospectus. The course is designed for G3s to help them draft the prospectus, which, as described in the Graduate handbook, should delineate what topic and area the dissertation will explore; discuss why this topic and area merit such exploration; and include a provisional chapter outline. The outline, which can be in narrative form, should be as precise as possible, even if it is likely to be modified in the course of writing the dissertation. Throughout the semester, we will deconstruct the process into smaller pieces, to make the task of writing the prospectus less daunting and to make sure that students include everything needed for a successful presentation of their project to their respective committees. By the end of the semester, they should all have a finalized version of their prospectus and be able to advance to candidacy.

Article Publication Workshop

M 1245 PM - 0245 PM

*Instructor Permission Required**Annabel Kim*

A reading and writing intensive workshop aimed at doctoral students done with coursework, and postdocs affiliated with the department. Through workshoping (both as a class and in smaller groups), participants will go through two intensive rounds of revision to produce an article ready to submit to peer-reviewed journals at the end of the semester. We will begin with preliminary discussions of the nuts and bolts of writing and publication: reading essays and articles on how to write well; identifying journals that are a good fit for publication; reading sample abstracts and writing and revising one's own; analyzing sample readers' reports (from the generous and intelligent to the brutish and mean) to think through how to respond to feedback; etc.

FAS Divisional Distribution: None

Russia, Eastern Europe, and Central Asia

Russia, E Europe & Cntrl Asia

Master's Thesis Reading and Research

MWF 0900 AM - 1015 AM

George Soroka

Interdisciplinary proseminar designed to orient master's degree students in Regional Studies-Russia, Eastern Europe, and Central Asia to theoretical and methodological approaches in the field, including research design for academic and policy research.

FAS Divisional Distribution: None

Master's Thesis Reading and Research

MWF 0900 AM - 1015 AM

George Soroka

Interdisciplinary proseminar designed to orient master's degree students in Regional Studies-Russia, Eastern Europe, and Central Asia to theoretical and methodological approaches in the field, including research design for academic and policy research.

Course Note: Assumes familiarity with material covered in RSRA 298A.

Requires: Pre-requisite: RSRA 298A

FAS Divisional Distribution: None

RSRA 299A	Course ID: 108818
Master's Thesis Development and Writing	2025 Fall (2 Credits)
MWF 0900 AM - 1015 AM	
<i>George Soroka</i>	
A continuation of the REECA G1 proseminar (RSRA 298A and RSRA 298B), culminating in the final master's thesis.	
<i>Course Note: RSRA 299A is graded SAT/UNSAT. The final grade for RSRA 299B (whether a letter grade or "INC") will replace the midyear grade posted for RSRA 299A.</i>	
Full Year Course: Indivisible Course	
FAS Divisional Distribution: None	

RSRA 299B	Course ID: 160544
Master's Thesis Development and Writing	2026 Spring (2 Credits)
MWF 0900 AM - 1015 AM	
<i>George Soroka</i>	
A continuation of RSRA 299A, culminating in the final master's thesis.	
<i>Course Note: The final grade for RSRA 299B (letter grade or "INC") will replace the SAT/UNSAT grade posted for RSRA 299A.</i>	
Requires: Pre-requisite: RSRA 299A	
Full Year Course: Indivisible Course	
FAS Divisional Distribution: None	

RSRA 300	Course ID: 214463
Graduate Research	2025 Fall (2 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>

RSRA 300	Course ID: 214463
Graduate Research	2026 Spring (2 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>

Slavic Languages and Literatures

Slavic

SLAVIC 91R	Course ID: 111900
Supervised Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Jonathan Bolton</i>	

SLAVIC 91R	Course ID: 111900
Supervised Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Jonathan Bolton</i>	

SLAVIC 97	Course ID: 121681
Introduction to Slavic Literatures and Cultures	2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Aleksandra Kremer

An interdisciplinary introduction to major issues in the field of Slavic Languages and Literatures, including critical theory, modes of interpreting literary texts, the forces structuring national and regional identities, as well as major authors of the Slavic literary traditions, including Russian, Czech, Ukrainian, and Polish works.

Course Note: This course is required for concentrators in Slavic Languages and Literatures. Other students are welcome and should contact the instructor before the start of the semester.

FAS Divisional Distribution: Arts and Humanities

SLAVIC 99A

Course ID: 123163

Tutorial - Senior Year

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Jonathan Bolton

For senior concentrators in Slavic Literature and Culture. Students work with a faculty advisor on a senior thesis or capstone project.

Course Note: Required for senior concentrators in Slavic Literature and Culture. Students who wish to enroll must obtain the signature of the Director of Undergraduate Studies. Honors students must also complete Slavic 99b.

FAS Divisional Distribution: Arts and Humanities

SLAVIC 100

Course ID: 215775

Independent Language Tutorial

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Steven Clancy

Topic: Belarusian

Individualized study of a language not normally offered by the department (e.g., less commonly taught Slavic languages such as Bulgarian, Macedonian, Slovak, etc.). Conducted as a tutorial. To propose a tutorial course, students must first review the relevant information provided on the Slavic Department website (<https://slavic.fas.harvard.edu/pages/language-study>) and submit an "R" Language Tutorial Proposal Online Form."

FAS Divisional Distribution: None

SLAVIC 100

Course ID: 215775

Independent Language Tutorial

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Individualized study of a language not normally offered by the department (e.g., less commonly taught Slavic languages such as Bulgarian, Macedonian, Slovak, etc.). Conducted as a tutorial. To propose a tutorial course, students must first review the relevant information provided on the Slavic Department website (<https://slavic.fas.harvard.edu/pages/language-study>) and submit an "R" Language Tutorial Proposal Online Form."

FAS Divisional Distribution: None

SLAVIC 118

Course ID: 218532

Reading Tolstoy's War and Peace

2026 Spring (4 Credits)

No meeting time listed

Julie A. Buckler

Leo Tolstoy's War and Peace (1865-69) is a magnificent work of art by a world-class writer tackling life's "big questions" and it is also a pleasure to read. We will go through War and Peace closely together, savoring the details, while exploring Tolstoy's artistic biography and the larger cultural and historical contexts for classic Russian novels. We will also consider the significance of the Napoleonic Wars (1803-1815) in Russian history. How many different ways are there to interpret Tolstoy's work? What issues arise in translation? How does the

pacing of the novel relate to nineteenth-century conceptions of time, space, narrative, and genre? What are the problematic distinctions between history and literature that the novel raises?

Course Note: No knowledge of Russian required.

FAS Divisional Distribution: Arts and Humanities

SLAVIC 121

Ballet, Past and Present

No meeting time listed

Daria Khitrova

This course explores the history of ballet, classical and beyond. We will view and discuss ballets to help us think about what ballet is, and why it has been such an enduring art form in different eras and cultures. Why is it mute and does it have to be? What kind of stories can it tell and how should we read them? How do ballets survive and how do they change in the process? Who makes a ballet: a choreographer or dancers? Or is it, perhaps, a composer, designer, or story writer? Does ballet technique confine the body, as the pioneers of modern dance used to assert, or is it a form of idealist philosophy, the ultimate expression of human freedom, as twentieth-century theorists of ballet have suggested? The works to be studied include Giselle, Sleeping Beauty, Swan Lake, Rite of Spring, Les Noces, Apollo, and others. The course is classroom-only (no dancing component; only watching, reading, and discussing) but, if pandemics permit, will also include a visit to the theater as well as to a ballet class and, possibly, rehearsals. No pre-requisites.

Course Note: This course satisfies the "Critical" requirement for TDM concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

SLAVIC 132

Russia's Golden Age: Literature, Arts, and Culture

TR 0130 PM - 0245 PM

Julie A. Buckler

Explores major works of imperial Russian culture (1703-1917), including literature, drama, opera, ballet, music, visual arts, and architecture. At the center of this course stand the works themselves, their artistic qualities, and cultural-historical contexts, as well as the intentions of their creators, and the responses of their initial audiences. What mythologies of national identity did these works propose? In what ways were these works radical: formally, aesthetically, ideologically? How did these now-famous works achieve canonical status beyond their own time? How have these works been variously reinterpreted since then? Works by Pushkin, Gogol, Tolstoy, and others.

Course Note: All readings in English. Students who wish to read Russian texts in the original may attend a special weekly section with the instructor.

FAS Divisional Distribution: Arts and Humanities

SLAVIC 160

Contemporary Ukraine 101: Literature, Film, Music

M 1200 PM - 0200 PM

Bohdan Tokarskyi

Ukraine has been in the global spotlight in recent years, but its cultural landscape remains less widely known. This course offers an introduction to contemporary Ukrainian culture, spanning literature, film, music, and visual arts from the post-1991 period. Through engagement with artistic and intellectual works, we will explore themes of identity, memory, resistance, and transformation, placing contemporary developments in dialogue with Ukraine's deeper historical currents. No prior knowledge of Ukraine is required—just curiosity and a willingness to engage with a vibrant and dynamic cultural space.

Course Note: All readings in English.

FAS Divisional Distribution: Arts and Humanities

Course ID: 215995

2026 Spring (4 Credits)

Course ID: 207566

2025 Fall (4 Credits)

Course ID: 226481

2025 Fall (4 Credits)

Verbal and Visual Encounters in Medieval and Early Modern Eastern**Europe**

TR 1200 PM - 0115 PM

Maria Grazia Bartolini

This course explores the intimate relationship between culture, religion, literature, and the visual in the territories of today's Belarus', Russia, and Ukraine in the medieval and early modern periods. Topics to be explored include the development of image veneration, the cult of saints, the political use of images, the rise of cartography, and the production of new Western-inspired emblematic prints for devotional use. The class features close analysis of icons and frescoes, printed images, rituals, literary texts, and history. We will explore how East Slavic culture interacts with a great diversity of traditions, including the Byzantine empire, the Hanseatic League, and Renaissance Europe. We will also investigate the transfer of ideas and forms from Western Europe to the East Slavs, and their relations with neighboring Slavic cultures, especially Poland.

Course Note: Some knowledge of Church Slavonic and/or Old Ukrainian is welcomed but not required. All materials are in English.

This course will be taught by Associate Visiting Professor Maria Grazia Bartolini.

FAS Divisional Distribution: Arts and Humanities

The Holocaust in Polish Memory and Culture*No meeting time listed**Aleksandra Kremer*

Hitler's plan to destroy European Jewry was carried out by the Nazis mostly on the territory of occupied Poland, where three million Jews had lived before World War II. The Poles' position has often been described as that of bystanders; nevertheless, Polish behavior also encompassed more direct involvement—whether complicity and murder, or attempts at rescuing Jews. How is this time remembered in Poland? How is it represented in Polish and Polish-Jewish literary texts? What is the relation between the Holocaust memory and Polish wartime history? What do we know about German and Soviet occupations of the country? How was the memory of the Holocaust and World War II shaped and used by communist Poland? What happens to this memory today? We will look for answers in different short stories, novels, poems, memoirs, and films created between the 1940s and the present day, and confront them with recent scholarship. Note: All readings in English.

Course Note: All readings in English. No background in Polish literature is required.

FAS Divisional Distribution: Arts and Humanities

The Political Novel*No meeting time listed**Jonathan Bolton*

No novel can be reduced to a set of political beliefs, and yet we often feel that novels speak to our political theories and practices. What makes a novel "political"? Can the novel make a contribution to political theory? How does our understanding of political power change when we imagine detailed and dramatic confrontations between individuals and the state, individuals and empire, or individuals and global ideologies? How does narrative form reinforce or undermine ideology? What archetypal dramas—protest against authority, the loss of political innocence, the battle between tolerance and conviction—have shaped the political novel in its various traditions from the nineteenth century to the present? We will consider these questions through some classic and lesser-known political novels from the nineteenth century to the present day, with readings from Alexander Pushkin, Fyodor Dostoevsky, Ivan Olbracht, Arthur Koestler, Ursula K. Le Guin, Nadine Gordimer, Milan Kundera, Don Delillo, Léonora Miano, and others. Although we will have occasional short readings in theory, our main focus will be on the attentive reading of complex literature that cannot be reduced to allegories of political conflict or unlocked through primarily "ideological" reading.

Course Note: All readings in English.

FAS Divisional Distribution: Arts and Humanities

History of the Soviet Union Through Film and Literature

W 0300 PM - 0500 PM

Justin Weir, Terry Martin

The course introduces students to Soviet history through several famous works of literature and film. Key periods and events include the Bolshevik Revolution, Civil War, WWII, the post-Stalin Thaw, the Brezhnev years, Glasnost' and Perestroika, and the dissolution of the Soviet Union. Along with short historical readings, we will examine works of popular culture, as well as book and films that were unable to be published and shown until Glasnost' and the post-Soviet period. Among the readings will be Babel's Red Cavalry, Bulgakov's novel The Master and Margarita, and works by Zamyatin, Solzhenitsyn, Alexievich, and others. Films include, for example, works by Vertov, Eisenstein, Tarkovsky, Kalatozov, and Balabanov.

Course Note: This course is equivalent to HIST 1956. Credit may be earned for Slavic 190 or History 1956, but not both. Open to undergraduates. Open to graduate students with permission of instructors.

FAS Divisional Distribution: Arts and Humanities

SLAVIC 191

Silent Film

M 0300 PM - 0500 PM

Daria Khitrova

Course ID: 222825

2025 Fall (4 Credits)

Today, we take it for granted that motion pictures talk. For some thirty-plus years from cinema's invention they did not—yet no contemporary complained the art of film was inarticulate. Did filmmakers and filmgoers that lived one hundred years ago perceive the silence of films as a hindrance, or, perhaps, as cinema's advantage over other arts? Was cinema admired despite, or on the strength of having been mute? The aim of this course is to introduce students to what was singular about the art and craft of silent film. Our general outline is chronological; we will discuss both national and international schools and trends of filmmaking. Within the general framework of film history, we will trace individual aspects of production (like lighting, acting, camera work, editing, etc.), and follow these evolve into a unique system of visuals to become known as silent film style.

FAS Divisional Distribution: Arts and Humanities

SLAVIC 192

The Cinema of Stanley Kubrick

T 0600 PM - 0800 PM

Justin Weir

Course ID: 226527

2026 Spring (4 Credits)

This course reviews the influential major films of Stanley Kubrick—Paths of Glory (1957), Lolita (1962), Dr. Strangelove (1964), 2001: A Space Odyssey (1968), A Clockwork Orange (1971), Barry Lyndon (1975), The Shining (1980), Full Metal Jacket (1987), and Eyes Wide Shut (1999), among other earlier films and his unfinished project A.I. Artificial Intelligence (dir. Spielberg 2001). The films will be considered in their historical, cultural, and film studies contexts. Topics include Cold War politics, literary adaptation, the depiction of violence on screen, and the relationship between popular culture and scholarship. We will pay special attention to Kubrick's interest in war, science fiction, and technology, including artificial intelligence.

Course Note: 35mm screenings of the films will be held at the Harvard Film Archive as part of this course.

SLAVIC 254

Old Church Slavonic

TR 0300 PM - 0415 PM

Maria Grazia Bartolini

Course ID: 226367

2025 Fall (4 Credits)

This course offers a thorough introduction to the history and grammar of the first Slavic literary language. Students learn the Old Church Slavonic writing system and the fundamentals of phonology, morphology, syntax, and vocabulary. Readings include select passages of canonical texts, mainly from the New Testament. In the last segment of the course, examples of texts from later periods and regional variants of the Church Slavonic language will be introduced for cultural and comparative purposes. The course will also provide students with the opportunity to explore themes in the religion and culture of the medieval Slavs and to reflect on their importance for understanding later cultural and linguistic developments in the Slavic area.

This course will be taught by Associate Visiting Professor Maria Grazia Bartolini.

FAS Divisional Distribution: Arts and Humanities

SLAVIC 279
Theory in the Shadow of History: Literature and Culture in the Writings of Polish Thinkers

Course ID: 226342
2025 Fall (4 Credits)

T 0945 AM - 1145 AM

Aleksandra Kremer

What texts belong to the canon of literary theory? What can we learn from reflection on language and culture developed in East Central Europe? What was the influence of World War II, Holocaust, and Communism on the local knowledge production? In this seminar we will discuss postwar Poland's theory and criticism, paying special attention to the broader cultural, political, and biographical contexts. We will also read several texts by Polish-born authors who became well-known in the West, and ask if their works could be read as Polish theory. Our readings will include Bauman, Ingarden, Janion, Kott, Miłosz, Tokarczuk, and many others.

Course Note: All readings in English.

FAS Divisional Distribution: Arts and Humanities

SLAVIC 299A
Slavic Graduate Proseminar

Course ID: 122854
2025 Fall (2 Credits)

W 1200 PM - 0200 PM

Instructor Permission Required

Jonathan Bolton

Introduction to graduate study in Slavic. Selected topics in literary analysis, history, theory, and professional development. Students must complete both terms of this course (parts A and B) within the same academic year to receive credit.

Course Note: Reading knowledge of Russian required.

Reading knowledge of Russian required.

Full Year Course: Indivisible Course

FAS Divisional Distribution: None

SLAVIC 299B
Slavic Graduate Proseminar

Course ID: 140361
2026 Spring (2 Credits)

No meeting time listed

Jonathan Bolton

Introduction to graduate study in Slavic. Selected topics in literary analysis, history, theory, and professional development. Students must complete both terms of this course (parts A and B) within the same academic year to receive credit.

Course Note: Reading knowledge of Russian required.

Requires: Pre-requisite: SLAVIC 299A

Full Year Course: Indivisible Course

FAS Divisional Distribution: Arts and Humanities

SLAVIC 300
Direction of Doctoral Dissertations

Course ID: 113947
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Justin Weir

FAS Divisional Distribution: None

SLAVIC 300
Direction of Doctoral Dissertations

Course ID: 113947
2026 Spring (4 Credits)

No meeting time listed
Jonathan Bolton

Instructor Permission Required

FAS Divisional Distribution: None

SLAVIC 300 (002)
Direction of Doctoral Dissertations
No meeting time listed
Julie A. Buckler

Course ID: 113947
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

SLAVIC 300 (002)
Direction of Doctoral Dissertations
No meeting time listed
Julie A. Buckler

Course ID: 113947
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

SLAVIC 300 (003)
Direction of Doctoral Dissertations
No meeting time listed

Course ID: 113947
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

SLAVIC 300 (003)
Direction of Doctoral Dissertations
No meeting time listed

Course ID: 113947
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

SLAVIC 300 (004)
Direction of Doctoral Dissertations
No meeting time listed

Course ID: 113947
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

SLAVIC 300 (004)
Direction of Doctoral Dissertations
No meeting time listed

Course ID: 113947
2026 Spring (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

SLAVIC 300 (005)

Direction of Doctoral Dissertations

No meeting time listed

Daria Khitrova

Course ID: 113947
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SLAVIC 300 (005)

Direction of Doctoral Dissertations

No meeting time listed

Daria Khitrova

Course ID: 113947
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SLAVIC 300 (006)

Direction of Doctoral Dissertations

No meeting time listed

Aleksandra Kremer

Course ID: 113947
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SLAVIC 300 (006)

Direction of Doctoral Dissertations

No meeting time listed

Aleksandra Kremer

Course ID: 113947
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SLAVIC 300 (007)

Direction of Doctoral Dissertations

No meeting time listed

Stephanie Sandler

Course ID: 113947
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SLAVIC 300 (007)

Direction of Doctoral Dissertations

No meeting time listed

Stephanie Sandler

Course ID: 113947
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SLAVIC 300 (008)

Direction of Doctoral Dissertations

No meeting time listed

Jonathan Bolton

Course ID: 113947

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SLAVIC 300 (008)

Direction of Doctoral Dissertations

No meeting time listed

Justin Weir

Course ID: 113947

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SLAVIC 300 (009)

Direction of Doctoral Dissertations

No meeting time listed

Bohdan Tokarskyi

Course ID: 113947

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SLAVIC 300 (009)

Direction of Doctoral Dissertations

No meeting time listed

Bohdan Tokarskyi

Course ID: 113947

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SLAVIC 301

Reading and Research

No meeting time listed

Jonathan Bolton

Course ID: 112938

2025 Fall (4 Credits)

Instructor Permission Required

SLAVIC 301

Reading and Research

No meeting time listed

Jonathan Bolton

Course ID: 112938

2026 Spring (4 Credits)

Instructor Permission Required

SLAVIC 301 (002)

Reading and Research

No meeting time listed

Course ID: 112938

2025 Fall (4 Credits)

Instructor Permission Required

SLAVIC 301 (002)
Reading and Research
No meeting time listed
Julie A. Buckler

Course ID: 112938
2026 Spring (4 Credits)
Instructor Permission Required

SLAVIC 301 (003)
Reading and Research
No meeting time listed
Steven Clancy

Course ID: 112938
2025 Fall (4 Credits)
Instructor Permission Required

SLAVIC 301 (003)
Reading and Research
No meeting time listed
Steven Clancy

Course ID: 112938
2026 Spring (4 Credits)
Instructor Permission Required

SLAVIC 301 (004)
Reading and Research
No meeting time listed

Course ID: 112938
2025 Fall (4 Credits)
Instructor Permission Required

SLAVIC 301 (004)
Reading and Research
No meeting time listed

Course ID: 112938
2026 Spring (4 Credits)
Instructor Permission Required

SLAVIC 301 (005)
Reading and Research
No meeting time listed
Bohdan Tokarskyi

Course ID: 112938
2025 Fall (4 Credits)
Instructor Permission Required

SLAVIC 301 (005)
Reading and Research
No meeting time listed

Course ID: 112938
2026 Spring (4 Credits)
Instructor Permission Required

SLAVIC 301 (006)
Reading and Research
No meeting time listed
Daria Khitrova

Course ID: 112938
2025 Fall (4 Credits)
Instructor Permission Required

SLAVIC 301 (006)
Reading and Research
No meeting time listed
Daria Khitrova

Course ID: 112938
2026 Spring (4 Credits)
Instructor Permission Required

SLAVIC 301 (007) Reading and Research <i>No meeting time listed</i> <i>Aleksandra Kremer</i>	Course ID: 112938 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
SLAVIC 301 (007) Reading and Research <i>No meeting time listed</i> <i>Aleksandra Kremer</i>	Course ID: 112938 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
SLAVIC 301 (008) Reading and Research <i>No meeting time listed</i> <i>Stephanie Sandler</i>	Course ID: 112938 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
SLAVIC 301 (008) Reading and Research <i>No meeting time listed</i> <i>Stephanie Sandler</i>	Course ID: 112938 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
SLAVIC 301 (009) Reading and Research <i>No meeting time listed</i>	Course ID: 112938 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
SLAVIC 301 (009) Reading and Research <i>No meeting time listed</i> <i>Bohdan Tokarskyi</i>	Course ID: 112938 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
SLAVIC 301 (010) Reading and Research <i>No meeting time listed</i> <i>Justin Weir</i>	Course ID: 112938 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
SLAVIC 301 (010) Reading and Research <i>No meeting time listed</i> <i>Justin Weir</i>	Course ID: 112938 2026 Spring (4 Credits) <i>Instructor Permission Required</i>
SLAVIC 370 Teaching-related work <i>No meeting time listed</i> <i>Daria Khitrova</i>	Course ID: 208360 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
SLAVIC 370 Teaching-related work <i>No meeting time listed</i> <i>Daria Khitrova</i>	Course ID: 208360 2026 Spring (4 Credits) <i>Instructor Permission Required</i>

SLAVIC 380
Research-related Work
No meeting time listed
Daria Khitrova

Course ID: 208361
2025 Fall (4 Credits)
Instructor Permission Required

SLAVIC 380
Research-related Work
No meeting time listed
Daria Khitrova

Course ID: 208361
2026 Spring (4 Credits)
Instructor Permission Required

SLAVIC 390
Graduate Coursework
No meeting time listed
Daria Khitrova

Course ID: 208362
2025 Fall (4 Credits)
Instructor Permission Required

SLAVIC 390
Graduate Coursework
No meeting time listed
Daria Khitrova

Course ID: 208362
2026 Spring (4 Credits)
Instructor Permission Required

GRGN AR

Elementary Georgian

MWF 1030 AM - 1145 AM

Mzia Shanava

Course ID: 220698
2026 Spring (4 Credits)

Individualized study of the Georgian language at the Elementary level. Conducted as a tutorial. A two semester introductory course in modern Georgian language and culture, designed for students without previous knowledge who would like to speak Georgian or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are exposed to Georgian culture through work with film, journalism, and literature as they learn to use the language both as a means of communication and as a tool for reading and research. Georgian Ar over two semesters satisfies the foreign language requirement and prepares students for continued study of Georgian in intermediate-level courses and for study or travel abroad in Georgia.

Course Note: This tutorial will be offered MWF with 75 min class meetings. The department will make an effort to schedule the tutorial based on the availability of interested students. Please contact the Director of the Slavic Language Program (Steven Clancy) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>.

Students are strongly encouraged to enroll in Georgian Ar in the fall and in the spring within the same academic year. - - - See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>.

Departmental languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student. Please contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions. Interested students should consult with the Georgian course instructor and prepare a coherent plan for the course based on the information provided in the "Note on independent language tutorials ("R" Courses)" found at: <https://slavic.fas.harvard.edu/pages/language-study>.

FAS: Meets Foreign Lang Req: Georgian

FAS Divisional Distribution: None

GRGN AR

Elementary Georgian

MWF 1030 AM - 1145 AM

Steven Clancy

Course ID: 220698
2025 Fall (4 Credits)

Individualized study of the Georgian language at the Elementary level. Conducted as a tutorial. A two semester introductory course in modern Georgian language and culture, designed for students without previous knowledge who would like to speak Georgian or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are exposed to Georgian culture through work with film, journalism, and literature as they learn to use the language both as a means of communication and as a tool for reading and research. Georgian Ar over two semesters satisfies the foreign language requirement and prepares students for continued study of Georgian in intermediate-level courses and for study or travel abroad in Georgia.

Course Note: This tutorial will be offered MWF with 75 min class meetings. The department will make an effort to schedule the tutorial based on the availability of interested students. Please contact the Director of the Slavic Language Program (Steven Clancy) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>.

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FAS: Meets Foreign Lang Req: Georgian

FAS Divisional Distribution: None

Elementary Georgian

2025 Fall (4 Credits)

*No meeting time listed**Steven Clancy*

Individualized study of the Georgian language at the Elementary level. Conducted as a tutorial. A two semester introductory course in modern Georgian language and culture, designed for students without previous knowledge who would like to speak Georgian or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are exposed to Georgian culture through work with film, journalism, and literature as they learn to use the language both as a means of communication and as a tool for reading and research. Georgian Ar over two semesters satisfies the foreign language requirement and prepares students for continued study of Georgian in intermediate-level courses and for study or travel abroad in Georgia.

Course Note: This tutorial will be offered MWF with 75 min class meetings. The department will make an effort to schedule the tutorial based on the availability of interested students. Please contact the Director of the Slavic Language Program (Steven Clancy) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>.

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Departmental languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student. Please contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions. Interested students should consult with the Georgian course instructor and prepare a coherent plan for the course based on the information provided in the "Note on independent language tutorials ("R" Courses)" found at: <https://slavic.fas.harvard.edu/pages/language-study>.

FAS: Meets Foreign Lang Req: Georgian

FAS Divisional Distribution: None

Intermediate Georgian

2026 Spring (4 Credits)

MWF 0130 PM - 0245 PM

*Instructor Permission Required**Mzia Shanava*

Individualized study of the Georgian language at the Intermediate level. Conducted as a tutorial. A two semester intermediate course in modern Georgian language and culture, designed for students with previous knowledge who would like to speak Georgian or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are exposed to Georgian culture through work with film, journalism, and literature as they learn to use the language both as a means of communication and as a tool for reading and research. GRGN Br over two semesters satisfies the foreign language requirement if needed and counts toward a citation in Georgian. The intermediate level prepares students for continued study of Georgian in advanced-level courses and for study or travel abroad in Georgia.

Course Note: This tutorial will be offered MWF with 75 min class meetings. The department will make an effort to schedule the tutorial based on the availability of interested students. Please contact the Director of the Slavic Language Program (Steven Clancy) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. Students are strongly encouraged to enroll in GRGN Br in the fall and in the spring within the same academic year. - - - See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>. Departmental languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student. Please contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions. Interested students should consult with the Georgian course instructor and prepare a coherent plan for the course based on the information provided in the "Note on independent language tutorials ("R" Courses)" found at: <https://slavic.fas.harvard.edu/pages/language-study>.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Georgian

Intermediate Georgian

MWF 1200 PM - 0115 PM

Instructor Permission Required

Steven Clancy

Individualized study of the Georgian language at the Intermediate level. Conducted as a tutorial. A two semester intermediate course in modern Georgian language and culture, designed for students with previous knowledge who would like to speak Georgian or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are exposed to Georgian culture through work with film, journalism, and literature as they learn to use the language both as a means of communication and as a tool for reading and research. GRGN Br over two semesters satisfies the foreign language requirement if needed and counts toward a citation in Georgian. The intermediate level prepares students for continued study of Georgian in advanced-level courses and for study or travel abroad in Georgia.

Course Note: This tutorial will be offered MWF with 75 min class meetings. The department will make an effort to schedule the tutorial based on the availability of interested students. Please contact the Director of the Slavic Language Program (Steven Clancy) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. Students are strongly encouraged to enroll in GRGN Br in the fall and in the spring within the same academic year. - - - See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>. Departmental languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student. Please contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions. Interested students should consult with the Georgian course instructor and prepare a coherent plan for the course based on the information provided in the "Note on independent language tutorials ("R" Courses)" found at: <https://slavic.fas.harvard.edu/pages/language-study>.

FAS: Meets Foreign Lang Req: Georgian

FAS Divisional Distribution: None

Intermediate Georgian*No meeting time listed**Instructor Permission Required*

Steven Clancy

Individualized study of the Georgian language at the Intermediate level. Conducted as a tutorial. A two semester intermediate course in modern Georgian language and culture, designed for students with previous knowledge who would like to speak Georgian or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are exposed to Georgian culture through work with film, journalism, and literature as they learn to use the language both as a means of communication and as a tool for reading and research. GRGN Br over two semesters satisfies the foreign language requirement if needed and counts toward a citation in Georgian. The intermediate level prepares students for continued study of Georgian in advanced-level courses and for study or travel abroad in Georgia.

Course Note: This tutorial will be offered MWF with 75 min class meetings. The department will make an effort to schedule the tutorial based on the availability of interested students. Please contact the Director of the Slavic Language Program (Steven Clancy) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. Students are strongly encouraged to enroll in GRGN Br in the fall and in the spring within the same academic year. - - - See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>. Departmental languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student. Please contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions. Interested students should consult with the Georgian course instructor and prepare a coherent plan for the course based on the information provided in the "Note on independent language tutorials ("R" Courses)" found at: <https://slavic.fas.harvard.edu/pages/language-study>.

FAS: Meets Foreign Lang Req: Georgian

FAS Divisional Distribution: None

Advanced Georgian

MWF 1200 PM - 0115 PM

Instructor Permission Required

Mzia Shanava

Individualized study of the Georgian language at the Advanced level. Conducted as a tutorial. A two semester

advanced course in modern Georgian language and culture, designed for students with previous knowledge who would like to speak Georgian or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are exposed to Georgian culture through work with film, journalism, and literature as they learn to use the language both as a means of communication and as a tool for reading and research. GRGN Cr over two semesters satisfies the foreign language requirement if needed and counts toward a citation in Georgian. The advanced level prepares students for continued study of Georgian and for study or travel abroad in Georgia.

Course Note: This tutorial will be offered MWF with 75 min class meetings. The department will make an effort to schedule the tutorial based on the availability of interested students. Please contact the Director of the Slavic Language Program (Steven Clancy) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. Students are strongly encouraged to enroll in GRGN Cr in the fall and in the spring within the same academic year. - - - See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>. Departmental languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student. Please contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions. Interested students should consult with the Georgian course instructor and prepare a coherent plan for the course based on the information provided in the "Note on independent language tutorials ("R" Courses)" found at: <https://slavic.fas.harvard.edu/pages/language-study>.

FAS: Meets Foreign Lang Req: Georgian

FAS Divisional Distribution: None

GRGN CR

Advanced Georgian

MWF 0130 PM - 0245 PM

Steven Clancy

Course ID: 224839

2025 Fall (4 Credits)

Instructor Permission Required

Individualized study of the Georgian language at the Advanced level. Conducted as a tutorial. A two semester advanced course in modern Georgian language and culture, designed for students with previous knowledge who would like to speak Georgian or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are exposed to Georgian culture through work with film, journalism, and literature as they learn to use the language both as a means of communication and as a tool for reading and research. GRGN Cr over two semesters satisfies the foreign language requirement if needed and counts toward a citation in Georgian. The advanced level prepares students for continued study of Georgian and for study or travel abroad in Georgia.

Course Note: This tutorial will be offered MWF with 75 min class meetings. The department will make an effort to schedule the tutorial based on the availability of interested students. Please contact the Director of the Slavic Language Program (Steven Clancy) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. Students are strongly encouraged to enroll in GRGN Cr in the fall and in the spring within the same academic year. - - - See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>. Departmental languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student. Please contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions. Interested students should consult with the Georgian course instructor and prepare a coherent plan for the course based on the information provided in the "Note on independent language tutorials ("R" Courses)" found at: <https://slavic.fas.harvard.edu/pages/language-study>.

FAS: Meets Foreign Lang Req: Georgian

FAS Divisional Distribution: None

RUSS AA

Course ID: 122907
2025 Fall (4 Credits)

Elementary Russian I

MWF 1030 AM - 1130 AM

Steven Clancy

Part one of a two part introductory course in modern Russian language and culture, designed for students without previous knowledge of Russian who would like to speak Russian or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are introduced to Russian culture and the etiquette of social exchanges, and expand their knowledge of grammar and vocabulary through readings (including stories, biography, and poetry), videos, and class discussions.

Course Note: Part one of a two-part series. Students are strongly encouraged to enroll in Russian AA in the fall and Russian AB in the spring within the same academic year.

This course will also meet for two additional hours of speaking practice on Tuesdays and Thursdays. Meeting times for the TuTh small-group conversation and practice sessions will be scheduled after the semester begins, based on the availability of students and instructors. See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

Russian AA together with Russian AB or Russian ATB (Elementary Russian through Authentic Texts II) satisfy the foreign language requirement. Any of the elementary (A-level) level Russian courses (A, AAB, and AT) prepare students for continued study of Russian in intermediate (B-level) courses (B, BAB, or BTA) and for study or travel abroad in Russian-speaking countries.

No prior knowledge of Russian is required.

FAS: Meets Foreign Lang Req: Russian

FAS Divisional Distribution: None

Full Year Course: Divisible Course

RUSS AA (002)

Course ID: 122907
2025 Fall (4 Credits)

Elementary Russian I

MWF 0130 PM - 0230 PM

Steven Clancy

Part one of a two part introductory course in modern Russian language and culture, designed for students without previous knowledge of Russian who would like to speak Russian or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are introduced to Russian culture and the etiquette of social exchanges, and expand their knowledge of grammar and vocabulary through readings (including stories, biography, and poetry), videos, and class discussions.

Course Note: Part one of a two-part series. Students are strongly encouraged to enroll in Russian AA in the fall and Russian AB in the spring within the same academic year.

This course will also meet for two additional hours of speaking practice on Tuesdays and Thursdays. Meeting times for the TuTh small-group conversation and practice sessions will be scheduled after the semester begins, based on the availability of students and instructors. See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

Russian AA together with Russian AB or Russian ATB (Elementary Russian through Authentic Texts II) satisfy the foreign language requirement. Any of the elementary (A-level) level Russian courses (A, AAB, and AT) prepare students for continued study of Russian in intermediate (B-level) courses (B, BAB, or BTA) and for study or travel abroad in Russian-speaking countries.

No prior knowledge of Russian is required.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Russian

Full Year Course: Divisible Course

RUSS AA (003)

Course ID: 122907
2025 Fall (4 Credits)

Elementary Russian I

No meeting time listed

Steven Clancy

Part one of a two part introductory course in modern Russian language and culture, designed for students without previous knowledge of Russian who would like to speak Russian or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are introduced to Russian culture and the etiquette of social exchanges, and expand their knowledge of grammar and vocabulary through readings (including stories, biography, and poetry), videos, and class discussions.

Course Note: Part one of a two-part series. Students are strongly encouraged to enroll in Russian AA in the fall and Russian AB in the spring within the same academic year.

This course will also meet for two additional hours of speaking practice on Tuesdays and Thursdays. Meeting times for the TuTh small-group conversation and practice sessions will be scheduled after the semester begins, based on the availability of students and instructors. See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

Russian AA together with Russian AB or Russian ATB (Elementary Russian through Authentic Texts II) satisfy the foreign language requirement. Any of the elementary (A-level) level Russian courses (A, AAB, and AT) prepare students for continued study of Russian in intermediate (B-level) courses (B, BAB, or BTA) and for study or travel abroad in Russian-speaking countries.

No prior knowledge of Russian is required.

Full Year Course: Divisible Course

FAS: Meets Foreign Lang Req: Russian

FAS Divisional Distribution: None

RUSS AAB

Course ID: 113925
2025 Fall (8 Credits)

Elementary Russian (Intensive)

MTWRF 0900 AM - 1000 AM

Jenya Mironava

An intensive version of Russian AA: Elementary Russian I and Russian AB: Elementary Russian II, covering the same material in a single semester. Class meets five days per week with five hours of the main section and three hours of small group speaking practice each week (8 hours per week total).

Course Note: This course will meet five days a week (Monday through Friday) from 9:00am to 10:00am. In addition, students will be required to attend three additional one-hour speaking practice sections each week on Mondays, Wednesdays, and Fridays. Meeting times for the MWF small-group conversation and practice sessions will be scheduled after the semester begins, based on the availability of students and instructors.

Russian Aab as an 8-credit course satisfies the foreign language requirement in one-semester.

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

No prior knowledge of Russian is required.

FAS: Meets Foreign Lang Req: Russian

FAS Divisional Distribution: None

RUSS AAB

Course ID: 113925
2026 Spring (8 Credits)

Elementary Russian (Intensive)

MTWRF 0900 AM - 1000 AM

An intensive version of Russian AA: Elementary Russian I and Russian AB: Elementary Russian II, covering the same material in a single semester. Class meets five days per week with five hours of the main section and three hours of small group speaking practice each week (8 hours per week total).

Course Note: This course will meet five days a week (Monday through Friday) from 9:00am to 10:00am. In addition, students will be required to attend three additional one-hour speaking practice sections each week on Mondays, Wednesdays, and Fridays. Meeting times for the MWF small-group conversation and practice sessions will be scheduled after the semester begins, based on the availability of students and instructors.

Russian Aab as an 8-credit course satisfies the foreign language requirement in one-semester.

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

No prior knowledge of Russian is required.

FAS: Meets Foreign Lang Req: Russian

FAS Divisional Distribution: None

RUSS AB

Elementary Russian II

MWF 1030 AM - 1130 AM

Course ID: 159620

2026 Spring (4 Credits)

Instructor Permission Required

Part two of a two part introductory course in modern Russian language and culture, designed for students without previous knowledge of Russian who would like to speak Russian or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are introduced to Russian culture and the etiquette of social exchanges, and expand their knowledge of grammar and vocabulary through readings (including stories, biography, and poetry), videos, and class discussions.

Course Note: Part two of a two-part series. Students are strongly encouraged to enroll in Russian AA in the fall and Russian AB in the spring within the same academic year.

This course will also meet for two additional hours of speaking practice on Tuesdays and Thursdays. Meeting times for the T-Th practice sections are subject to adjustment based on students' availability. See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

Russian AA together with Russian AB or Russian ATB (Elementary Russian through Authentic Texts II) satisfy the foreign language requirement. Any of the elementary (A-level) level Russian courses (A, AAB, and AT) prepare students for continued study of Russian in intermediate (B-level) courses (B, BAB, or BTA) and for study or travel abroad in Russian-speaking countries.

Requires: Prerequisite: Elementary Russian I

Full Year Course: Divisible Course

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Russian

RUSS AB (002)

Elementary Russian II

MWF 0130 PM - 0230 PM

Course ID: 159620

2026 Spring (4 Credits)

Instructor Permission Required

Part two of a two part introductory course in modern Russian language and culture, designed for students without previous knowledge of Russian who would like to speak Russian or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are introduced to Russian culture and the etiquette of social exchanges, and expand their knowledge of grammar and vocabulary through readings (including stories, biography, and poetry), videos, and class discussions.

Course Note: Part two of a two-part series. Students are strongly encouraged to enroll in Russian AA in the fall and Russian AB in the spring within the same academic year.

This course will also meet for two additional hours of speaking practice on Tuesdays and Thursdays. Meeting times for the T-Th practice sections are subject to adjustment based on students' availability. See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

Russian AA together with Russian AB or Russian ATB (Elementary Russian through Authentic Texts II) satisfy the foreign language requirement. Any of the elementary (A-level) level Russian courses (A, AAB, and AT)

prepare students for continued study of Russian in intermediate (B-level) courses (B, BAB, or BTA) and for study or travel abroad in Russian-speaking countries.

Requires: Prerequisite: Elementary Russian I

FAS Divisional Distribution: None

Full Year Course: Divisible Course

FAS: Meets Foreign Lang Req: Russian

RUSS AB (003)

Elementary Russian II

No meeting time listed

Course ID: 159620

2026 Spring (4 Credits)

Instructor Permission Required

Part two of a two part introductory course in modern Russian language and culture, designed for students without previous knowledge of Russian who would like to speak Russian or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are introduced to Russian culture and the etiquette of social exchanges, and expand their knowledge of grammar and vocabulary through readings (including stories, biography, and poetry), videos, and class discussions.

Course Note: Part two of a two-part series. Students are strongly encouraged to enroll in Russian AA in the fall and Russian AB in the spring within the same academic year.

This course will also meet for two additional hours of speaking practice on Tuesdays and Thursdays. Meeting times for the T-Th practice sections are subject to adjustment based on students' availability. See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

Russian AA together with Russian AB or Russian ATB (Elementary Russian through Authentic Texts II) satisfy the foreign language requirement. Any of the elementary (A-level) level Russian courses (A, AAB, and AT) prepare students for continued study of Russian in intermediate (B-level) courses (B, BAB, or BTA) and for study or travel abroad in Russian-speaking countries.

Requires: Prerequisite: Elementary Russian I

FAS: Meets Foreign Lang Req: Russian

Full Year Course: Divisible Course

FAS Divisional Distribution: None

RUSS BA

Intermediate Russian I

MWF 1030 AM - 1130 AM

Dmitrii Pastushenkov

Course ID: 112823

2025 Fall (4 Credits)

Instructor Permission Required

Part one of a two part intermediate course in modern Russian language and culture for students with previous study of the language. Further development of vocabulary and oral expression within a comprehensive review of Russian grammar. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed as students learn to use the language both as a means of communication and as a tool for reading and research. Systematic study of word formation and other strategies are taught to help free students from excessive dependence on the dictionary and develop confidence in reading. Vocabulary is thematically organized to include such topics as self and family, education, work, human relationships, politics, and national attitudes and is reinforced through film and the reading of classical and contemporary fiction and history. Practice in the etiquette of common social situations (sociolinguistic competence). Computer exercises on selected topics.

Course Note: Interested students should contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions regarding scheduling conflicts.

Part one of a two-part series. Students are strongly encouraged to enroll in Russian BA in the fall and Russian BB in the spring within the same academic year. - - -

This course will also meet for two additional hours of speaking practice on Tuesdays and Thursdays. Meeting times for the TuTh small-group conversation and practice sessions will be scheduled after the semester begins, based on the availability of students and instructors. See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>. - - -

Any full course in Russian at the B-level (Russian Ba-Bb, Russian BTA-BTB, or Intensive Russian BAB) will prepare students for continued study of Russian at the advanced level (Russian 101) and for study or travel abroad in Russian-speaking countries. Russian Ba and Bb count as two of the four required semesters of study for a citation in Russian.

Russian AA-AB, AAB, ATA-ATB, AH, or placement at the B-level. Familiarity with fundamentals of Russian grammar, particularly case endings, verb conjugation, and elementary competence in spoken Russian.

FAS Divisional Distribution: None

Full Year Course: Divisible Course

HCOL: Foreign Lang Citation: Russian

FAS: Meets Foreign Lang Req: Russian

RUSS BA (002)

Course ID: 112823
2025 Fall (4 Credits)

Intermediate Russian I

MWF 1200 PM - 0100 PM

Instructor Permission Required

Liya Zalaltdinova

Part one of a two part intermediate course in modern Russian language and culture for students with previous study of the language. Further development of vocabulary and oral expression within a comprehensive review of Russian grammar. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed as students learn to use the language both as a means of communication and as a tool for reading and research. Systematic study of word formation and other strategies are taught to help free students from excessive dependence on the dictionary and develop confidence in reading. Vocabulary is thematically organized to include such topics as self and family, education, work, human relationships, politics, and national attitudes and is reinforced through film and the reading of classical and contemporary fiction and history. Practice in the etiquette of common social situations (sociolinguistic competence). Computer exercises on selected topics.

Course Note: Interested students should contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions regarding scheduling conflicts.

Part one of a two-part series. Students are strongly encouraged to enroll in Russian BA in the fall and Russian BB in the spring within the same academic year. - - -

This course will also meet for two additional hours of speaking practice on Tuesdays and Thursdays. Meeting times for the TuTh small-group conversation and practice sessions will be scheduled after the semester begins, based on the availability of students and instructors. See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>. - - -

Any full course in Russian at the B-level (Russian Ba-Bb, Russian BTA-BTB, or Intensive Russian BAB) will prepare students for continued study of Russian at the advanced level (Russian 101) and for study or travel abroad in Russian-speaking countries. Russian Ba and Bb count as two of the four required semesters of study for a citation in Russian.

Russian AA-AB, AAB, ATA-ATB, AH, or placement at the B-level. Familiarity with fundamentals of Russian grammar, particularly case endings, verb conjugation, and elementary competence in spoken Russian.

HCOL: Foreign Lang Citation: Russian

FAS: Meets Foreign Lang Req: Russian

FAS Divisional Distribution: None

Full Year Course: Divisible Course

RUSS BAB

Course ID: 110903
2026 Spring (8 Credits)

Intermediate Russian (Intensive)

MTWRF 0900 AM - 1000 AM

Instructor Permission Required

An intensive version of Russian Ba and Russian Bb, covering the same material in a single semester. Class meets five days per week with five hours of the main section and three hours of small group speaking practice each week. Readings may vary.

Course Note: This course will meet five days a week from 9:00am to 10:00am on MTuWThF. In addition, students will be required to attend three additional one-hour speaking practice sections each week on Mondays,

Wednesdays, and Fridays. Meeting times for the small group sections will be determined at the start of term based on students' availability.

Any full course in Russian at the B-level (Russian Ba-Bb, Russian BTA-BTB, or Intensive Russian BAB) will prepare students for continued study of Russian at the advanced level (Russian 101) and for study or travel abroad in Russian-speaking countries.

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

Russian AA-AB, AAB, ATA-ATB, AH, or placement at the B-level. Familiarity with fundamentals of Russian grammar, particularly case endings, verb conjugation, and elementary competence in spoken Russian.

HCOL: Foreign Lang Citation: Russian

FAS: Meets Foreign Lang Req: Russian

FAS Divisional Distribution: None

RUSS BB

Intermediate Russian II

MWF 1030 AM - 1130 AM

Course ID: 159653

2026 Spring (4 Credits)

Instructor Permission Required

Part two of a two-part intermediate course in modern Russian language and culture for students with previous study of the language. Further development of vocabulary and oral expression within a comprehensive review of Russian grammar. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed as students learn to use the language both as a means of communication and as a tool for reading and research. Systematic study of word formation and other strategies are taught to help free students from excessive dependence on the dictionary and develop confidence in reading. Vocabulary is thematically organized to include such topics as self and family, education, work, human relationships, politics, and national attitudes and is reinforced through film and the reading of classical and contemporary fiction and history. Practice in the etiquette of common social situations (sociolinguistic competence). Computer exercises on selected topics.

Course Note: Part two of a two-part series. Students are strongly encouraged to enroll in Russian BA in the fall and Russian BB in the spring within the same academic year. - - -

This course will also meet for two additional hours of speaking practice on Tuesdays and Thursdays. Meeting times for the T-Th practice sections are subject to adjustment based on students' availability. See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>. - - -

Any full course in Russian at the B-level (Russian Ba-Bb, Russian BTA-BTB, or Intensive Russian BAB) will prepare students for continued study of Russian at the advanced level (Russian 101) and for study or travel abroad in Russian-speaking countries.

Russian BA or Russian BTA, or placement into BB/BTB.

Requires: Prerequisite RUSS BA

FAS: Meets Foreign Lang Req: Russian

HCOL: Foreign Lang Citation: Russian

Full Year Course: Divisible Course

FAS Divisional Distribution: None

RUSS BB (002)

Intermediate Russian II

MWF 1200 PM - 0100 PM

Course ID: 159653

2026 Spring (4 Credits)

Instructor Permission Required

Part two of a two-part intermediate course in modern Russian language and culture for students with previous study of the language. Further development of vocabulary and oral expression within a comprehensive review of Russian grammar. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed as students learn to use the language both as a means of communication and as a tool for reading and research. Systematic study of word formation and other strategies are taught to help free students from excessive dependence on the dictionary and develop confidence in reading. Vocabulary is thematically organized to include such topics as self and family, education, work, human relationships, politics, and national attitudes and is reinforced through film and the reading of classical and contemporary fiction and history. Practice

in the etiquette of common social situations (sociolinguistic competence). Computer exercises on selected topics.

Course Note: Part two of a two-part series. Students are strongly encouraged to enroll in Russian BA in the fall and Russian BB in the spring within the same academic year. - - -

This course will also meet for two additional hours of speaking practice on Tuesdays and Thursdays. Meeting times for the T-Th practice sections are subject to adjustment based on students' availability. See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>. - - -

Any full course in Russian at the B-level (Russian Ba-Bb, Russian BTA-BTB, or Intensive Russian BAB) will prepare students for continued study of Russian at the advanced level (Russian 101) and for study or travel abroad in Russian-speaking countries.

Russian BA or Russian BTA, or placement into BB/BTB.

Requires: Prerequisite RUSS BA

FAS: Meets Foreign Lang Req: Russian

HCOL: Foreign Lang Citation: Russian

FAS Divisional Distribution: None

Full Year Course: Divisible Course

RUSS 101

Course ID: 120717

Third-Year Russian I

2025 Fall (4 Credits)

MWF 1030 AM - 1130 AM

Instructor Permission Required

Liya Zalaltdinova

This third-year advanced-level Russian language course continues development of speaking, writing, and reading proficiency and prepares students for reading, analyzing, and discussing authentic Russian texts in a variety of disciplines and genres, with an emphasis on close reading and cultural context. Topics covered in the course are related to academics, daily life, and leisure activities as well as current events and matters of public and community interest. Vocabulary work emphasizes word formation and verbal government as essential to effective communication. The course meets 5 days/week with a MWF main section and TTh speaking practice in small groups.

Course Note: Meeting times for the TuTh small-group conversation and practice sessions will be scheduled after the semester begins, based on the availability of students and instructors. See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>.

Prerequisites: RUSS Ba-Bb, RUSS Bab, placement test, or permission of the instructor.

HCOL: Foreign Lang Citation: Russian

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Russian

RUSS 101 (002)

Course ID: 120717

Third-Year Russian I

2025 Fall (4 Credits)

MWF 0130 PM - 0230 PM

Instructor Permission Required

Jenya Mironava

This third-year advanced-level Russian language course continues development of speaking, writing, and reading proficiency and prepares students for reading, analyzing, and discussing authentic Russian texts in a variety of disciplines and genres, with an emphasis on close reading and cultural context. Topics covered in the course are related to academics, daily life, and leisure activities as well as current events and matters of public and community interest. Vocabulary work emphasizes word formation and verbal government as essential to effective communication. The course meets 5 days/week with a MWF main section and TTh speaking practice in small groups.

Course Note: Meeting times for the TuTh small-group conversation and practice sessions will be scheduled after the semester begins, based on the availability of students and instructors. See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>.

Prerequisites: RUSS Ba-Bb, RUSS Bab, placement test, or permission of the instructor.

HCOL: Foreign Lang Citation: Russian
FAS: Meets Foreign Lang Req: Russian
FAS Divisional Distribution: Arts and Humanities

RUSS 103

Third-Year Russian II

MWF 1030 AM - 1130 AM

Course ID: 124105
2026 Spring (4 Credits)

Instructor Permission Required

This third-year advanced-level Russian language course continues development of speaking, writing, and reading proficiency and prepares students for reading, analyzing, and discussing authentic Russian texts in a variety of disciplines and genres, with an emphasis on close reading and cultural context. Topics covered in the course are related to academics, daily life, and leisure activities as well as current events and matters of public and community interest. Vocabulary work emphasizes word formation and verbal government as essential to effective communication. The course meets 5 days/week with a MWF main section and TTh speaking practice in small groups.

Course Note: Interested students should contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions.

Meeting times for the T-Th practice sections will be scheduled after the semester begins, based on the availability of students and instructors. See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>.

Prerequisite: RUSS Ba-Bb, RUSS Bab or placement test.

Requires: Prerequisite RUSS 101

HCOL: Foreign Lang Citation: Russian

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Russian

RUSS 103 (002)

Third-Year Russian II

MWF 0130 PM - 0230 PM

Course ID: 124105
2026 Spring (4 Credits)

Instructor Permission Required

This third-year advanced-level Russian language course continues development of speaking, writing, and reading proficiency and prepares students for reading, analyzing, and discussing authentic Russian texts in a variety of disciplines and genres, with an emphasis on close reading and cultural context. Topics covered in the course are related to academics, daily life, and leisure activities as well as current events and matters of public and community interest. Vocabulary work emphasizes word formation and verbal government as essential to effective communication. The course meets 5 days/week with a MWF main section and TTh speaking practice in small groups.

Course Note: Interested students should contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions.

Meeting times for the T-Th practice sections will be scheduled after the semester begins, based on the availability of students and instructors. See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>.

Prerequisite: RUSS Ba-Bb, RUSS Bab or placement test.

Requires: Prerequisite RUSS 101

HCOL: Foreign Lang Citation: Russian

FAS: Meets Foreign Lang Req: Russian

FAS Divisional Distribution: Arts and Humanities

RUSS 110

Fourth-Year Russian: Russian for STEM

MWF 1030 AM - 1130 AM

Course ID: 223914
2026 Spring (4 Credits)

Instructor Permission Required

In this fourth-year advanced-level Russian language course, you will explore some of the most innovative areas of scientific study, while expanding your vocabulary in STEM domains and the language skills needed to share scientific information within your community. Focuses on developing advanced-level reading, speaking, listening, and writing skills through discussing STEM-related topics in technology and society, such as education, math and physics, development of internet technologies, and environmental issues. Students participate in class debates and discussions and create a final presentation on a topic of their professional interest. Course materials combine articles, book excerpts, films, interviews, and project-based tasks. Taught in Russian. The course meets 3 days/week without additional small-group speaking sections.

Prerequisites – Russian 103 or permission of the instructor.

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Russian

HCOL: Foreign Lang Citation: Russian

RUSS 110 (002)

Fourth-Year Russian: Russian for STEM

No meeting time listed

Course ID: 223914
2026 Spring (4 Credits)

Instructor Permission Required

In this fourth-year advanced-level Russian language course, you will explore some of the most innovative areas of scientific study, while expanding your vocabulary in STEM domains and the language skills needed to share scientific information within your community. Focuses on developing advanced-level reading, speaking, listening, and writing skills through discussing STEM-related topics in technology and society, such as education, math and physics, development of internet technologies, and environmental issues. Students participate in class debates and discussions and create a final presentation on a topic of their professional interest. Course materials combine articles, book excerpts, films, interviews, and project-based tasks. Taught in Russian. The course meets 3 days/week without additional small-group speaking sections.

Prerequisites – Russian 103 or permission of the instructor.

FAS: Meets Foreign Lang Req: Russian

HCOL: Foreign Lang Citation: Russian

FAS Divisional Distribution: Arts and Humanities

RUSS 111

Fourth-Year Russian: Russian and Post-Soviet Studies

MWF 1030 AM - 1130 AM

Course ID: 110859
2025 Fall (4 Credits)

Instructor Permission Required

This fourth-year advanced-level Russian language course emphasizes reading, analysis, and discussion of authentic Russian materials in a variety of disciplines, media, and genres, with an emphasis on close reading and listening along with the interpretation of cultural contexts. The course is structured as a train journey among cultures and peoples in post-Soviet Russia. It investigates the strengths and struggles of different cultural groups, tackling crucial current issues of (de)centralization, social identity, multilingualism, religion, and racism in the post-Soviet space. Making use of a variety of sources – including 19th-century classics of poetry and prose, articles from periodicals, interviews, art exhibits, as well as documentary and feature films – students virtually visit the Volga region and the Caucasus, while developing a broad range of vocabulary and reviewing complex grammatical structures. The course meets 3 days/week without additional small-group speaking sections.

Course Note: The fourth-year Russian courses are independent semester-long courses that may be taken in any order by students at the appropriate language level.

Prerequisites: RUSS 101-103, placement test, or permission of the instructor.

HCOL: Foreign Lang Citation: Russian

FAS: Meets Foreign Lang Req: Russian

FAS Divisional Distribution: Arts and Humanities

RUSS 111 (002)

Fourth-Year Russian: Russian and Post-Soviet Studies

Course ID: 110859
2025 Fall (4 Credits)

Veronika Egorova

This fourth-year advanced-level Russian language course emphasizes reading, analysis, and discussion of authentic Russian materials in a variety of disciplines, media, and genres, with an emphasis on close reading and listening along with the interpretation of cultural contexts. The course is structured as a train journey among cultures and peoples in post-Soviet Russia. It investigates the strengths and struggles of different cultural groups, tackling crucial current issues of (de)centralization, social identity, multilingualism, religion, and racism in the post-Soviet space. Making use of a variety of sources – including 19th-century classics of poetry and prose, articles from periodicals, interviews, art exhibits, as well as documentary and feature films – students virtually visit the Volga region and the Caucasus, while developing a broad range of vocabulary and reviewing complex grammatical structures. The course meets 3 days/week without additional small-group speaking sections.

Course Note: The fourth-year Russian courses are independent semester-long courses that may be taken in any order by students at the appropriate language level.

Prerequisites: RUSS 101-103, placement test, or permission of the instructor.

HCOL: Foreign Lang Citation: Russian

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Russian

RUSS 112

Course ID: 112854

Fourth-Year Russian: Russian Media and Popular Culture

2026 Spring (4 Credits)

MWF 0130 PM - 0230 PM

Instructor Permission Required

This fourth-year advanced-level Russian language course emphasizes viewing/listening, reading, analysis, and discussion of authentic Russian materials from media, social media, and popular culture to better understand their impact on Russian society. Through working with documentaries, popular YouTube and Telegram channels, TV shows, video games, graphic novels, and memes among other materials, students will explore everyday life and attitudes in Russia from the early days of the Russian Federation to the present day (1991-2023). Students will develop the critical skills needed to better understand, analyze, and discuss modern media (both state-run and independent) and develop their intercultural sensitivity, while developing a broad range of vocabulary and reviewing complex grammatical structures. The course meets 3 days/week without additional small-group speaking sections.

Russian 102r and an additional course at the level of Russian 101 or above, or Russian 111 with permission of the instructor.

HCOL: Foreign Lang Citation: Russian

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Russian

RUSS 112 (002)

Course ID: 112854

Fourth-Year Russian: Russian Media and Popular Culture

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

This fourth-year advanced-level Russian language course emphasizes viewing/listening, reading, analysis, and discussion of authentic Russian materials from media, social media, and popular culture to better understand their impact on Russian society. Through working with documentaries, popular YouTube and Telegram channels, TV shows, video games, graphic novels, and memes among other materials, students will explore everyday life and attitudes in Russia from the early days of the Russian Federation to the present day (1991-2023). Students will develop the critical skills needed to better understand, analyze, and discuss modern media (both state-run and independent) and develop their intercultural sensitivity, while developing a broad range of vocabulary and reviewing complex grammatical structures. The course meets 3 days/week without additional small-group speaking sections.

Russian 102r and an additional course at the level of Russian 101 or above, or Russian 111 with permission of the instructor.

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Russian

RUSS 113

Course ID: 127533
2025 Fall (4 Credits)

Fourth-Year Russian: Language through Literature

MWF 0130 PM - 0230 PM

Instructor Permission Required

Dmitrii Pastushenkov

This fourth-year advanced-level Russian language course emphasizes reading, analysis, and discussion of Russian literary works in their linguistic and cultural contexts. The course is designed to help students improve proficiency in the language and to develop increased fluency and confidence of expression while deepening their understanding of Russian culture. Discussions of relevant cultural, social, and historical issues along with the study of the nuances of Russian grammar, syntax, register, and style will be grounded in authentic Russian literary texts. The course meets 3 days/week without additional small-group speaking sections.

Course Note: The fourth-year Russian courses are independent semester-long courses that may be taken in any order by students at the appropriate language level.

Prerequisites: RUSS 101-103, placement test, or permission of the instructor.

FAS: Meets Foreign Lang Req: Russian

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Russian

RUSS 113 (002)

Course ID: 127533
2025 Fall (4 Credits)

Fourth-Year Russian: Language through Literature

No meeting time listed

Instructor Permission Required

Dmitrii Pastushenkov

This fourth-year advanced-level Russian language course emphasizes reading, analysis, and discussion of Russian literary works in their linguistic and cultural contexts. The course is designed to help students improve proficiency in the language and to develop increased fluency and confidence of expression while deepening their understanding of Russian culture. Discussions of relevant cultural, social, and historical issues along with the study of the nuances of Russian grammar, syntax, register, and style will be grounded in authentic Russian literary texts. The course meets 3 days/week without additional small-group speaking sections.

Course Note: The fourth-year Russian courses are independent semester-long courses that may be taken in any order by students at the appropriate language level.

Prerequisites: RUSS 101-103, placement test, or permission of the instructor.

FAS: Meets Foreign Lang Req: Russian

HCOL: Foreign Lang Citation: Russian

FAS Divisional Distribution: Arts and Humanities

RUSS 120R

Course ID: 120380
2025 Fall (4 Credits)

Supervised Readings in Advanced Russian

No meeting time listed

Instructor Permission Required

Steven Clancy

Intended for students who have already taken other department offerings. Reading, discussion, and writing on special topics not addressed in other courses. Conducted as a tutorial. Requires a course proposal to apply; acceptance is not automatic. See note on independent language tutorials on our website for details about the application process.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Russian

HCOL: Foreign Lang Citation: Russian

Supervised Readings in Advanced Russian*No meeting time listed**Instructor Permission Required**Steven Clancy*

Intended for students who have already taken other department offerings. Reading, discussion, and writing on special topics not addressed in other courses. Conducted as a tutorial. Requires a course proposal to apply; acceptance is not automatic. See note on independent language tutorials on our website for details about the application process.

Course Note: Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

HCOL: Foreign Lang Citation: Russian

FAS: Meets Foreign Lang Req: Russian

FAS Divisional Distribution: Arts and Humanities

CZCH AA

Course ID: 111301
2025 Fall (4 Credits)

Elementary Czech I

MWF 1030 AM - 1145 AM

Veronika Tuckerova

Part one of a two part introductory course in modern Czech language and culture, designed for students without previous knowledge who would like to speak Czech or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are exposed to Czech culture through work with film and literature and gain some familiarity with the major differences between literary and spoken Czech as they learn to use the language both as a means of communication and as a tool for reading and research. Czech AA: Elementary Czech I (in the fall) and Czech AB: Elementary Czech II (in the spring) satisfy the foreign language requirement and prepare students for continued study of Czech in intermediate-level courses and for study or travel abroad in the Czech Republic.

Course Note: This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. - - -

Part one of a two-part series. Students are strongly encouraged to enroll in Czech AA in the fall and Czech AB in the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

Full Year Course: Divisible Course

FAS: Meets Foreign Lang Req: Czech

FAS Divisional Distribution: None

CZCH AA (002)

Course ID: 111301
2025 Fall (4 Credits)

Elementary Czech I

No meeting time listed

Veronika Tuckerova

Part one of a two part introductory course in modern Czech language and culture, designed for students without previous knowledge who would like to speak Czech or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are exposed to Czech culture through work with film and literature and gain some familiarity with the major differences between literary and spoken Czech as they learn to use the language both as a means of communication and as a tool for reading and research. Czech AA: Elementary Czech I (in the fall) and Czech AB: Elementary Czech II (in the spring) satisfy the foreign language requirement and prepare students for continued study of Czech in intermediate-level courses and for study or travel abroad in the Czech Republic.

Course Note: This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. - - -

Part one of a two-part series. Students are strongly encouraged to enroll in Czech AA in the fall and Czech AB in the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

FAS Divisional Distribution: None

Full Year Course: Divisible Course

FAS: Meets Foreign Lang Req: Czech

Elementary Czech II

MWF 1030 AM - 1145 AM

Instructor Permission Required

Veronika Tuckerova

Part two of a two part introductory course in modern Czech language and culture, designed for students without previous knowledge who would like to speak Czech or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are exposed to Czech culture through work with film and literature and gain some familiarity with the major differences between literary and spoken Czech as they learn to use the language both as a means of communication and as a tool for reading and research. Czech AA: Elementary Czech I (in the fall) and Czech AB: Elementary Czech II (in the spring) satisfy the foreign language requirement and prepare students for continued study of Czech in intermediate-level courses and for study or travel abroad in the Czech Republic.

Course Note: This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. . . .

Part two of a two-part series. Students are strongly encouraged to enroll in Czech AA in the fall and Czech AB in the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

Requires: Prerequisite CZCH AA

FAS Divisional Distribution: None

Full Year Course: Divisible Course

FAS: Meets Foreign Lang Req: Czech

CZCH BACourse ID: 121469
2025 Fall (4 Credits)**Intermediate Czech I**

MWF 1200 PM - 0115 PM

Instructor Permission Required

Veronika Tuckerova

Part one of a two part intermediate course in modern Czech language and culture for students with previous study of the language. Further development of vocabulary and oral expression within a comprehensive review of Czech grammar. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed as students learn to use the language both as a means of communication and as a tool for reading and research. Systematic study of word formation and other strategies are taught to help free students from excessive dependence on the dictionary and develop confidence in reading. Increased exposure to the differing registers of Czech in its literary and spoken forms. The two part course prepares students for continued study of Czech in advanced-level courses and for study or travel abroad in the Czech Republic.

Course Note: This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. - - -

Part one of a two-part series. Students are strongly encouraged to enroll in Czech BA in the fall and Czech BB in the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

Completed Czech AB, or placement at the B-level. Familiarity with fundamentals of Czech grammar, particularly case endings and elementary competence in spoken Czech.

FAS: Meets Foreign Lang Req: Czech

Full Year Course: Divisible Course

HCOL: Foreign Lang Citation: Czech

FAS Divisional Distribution: None

Intermediate Czech I

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required*

Veronika Tuckerova

Part one of a two part intermediate course in modern Czech language and culture for students with previous study of the language. Further development of vocabulary and oral expression within a comprehensive review of Czech grammar. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed as students learn to use the language both as a means of communication and as a tool for reading and research. Systematic study of word formation and other strategies are taught to help free students from excessive dependence on the dictionary and develop confidence in reading. Increased exposure to the differing registers of Czech in its literary and spoken forms. The two part course prepares students for continued study of Czech in advanced-level courses and for study or travel abroad in the Czech Republic.

Course Note: This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. - - -

Part one of a two-part series. Students are strongly encouraged to enroll in Czech BA in the fall and Czech BB in the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

Completed Czech AB, or placement at the B-level. Familiarity with fundamentals of Czech grammar, particularly case endings and elementary competence in spoken Czech.

FAS: Meets Foreign Lang Req: Czech

HCOL: Foreign Lang Citation: Czech

FAS Divisional Distribution: None

Full Year Course: Divisible Course

CZCH BB

Course ID: 159716

Intermediate Czech II

2026 Spring (4 Credits)

MWF 1200 PM - 0115 PM

Instructor Permission Required

Veronika Tuckerova

Part two of a two part intermediate course in modern Czech language and culture for students with previous study of the language. Further development of vocabulary and oral expression within a comprehensive review of Czech grammar. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed as students learn to use the language both as a means of communication and as a tool for reading and research. Systematic study of word formation and other strategies are taught to help free students from excessive dependence on the dictionary and develop confidence in reading. Increased exposure to the differing registers of Czech in its literary and spoken forms. The two part course prepares students for continued study of Czech in advanced-level courses and for study or travel abroad in the Czech Republic.

Course Note: This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. • • •

Part two of a two-part series. Students are strongly encouraged to enroll in Czech BA in the fall and Czech BB in the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

Czech BA or placement at the B-level. Familiarity with fundamentals of Czech grammar, particularly case endings and elementary competence in spoken Czech.

Requires: Prerequisite CZCH BA

FAS: Meets Foreign Lang Req: Czech

FAS Divisional Distribution: None

Full Year Course: Divisible Course

CZCH CR

Advanced Czech

MW 0300 PM - 0415 PM

Veronika Tuckerova

Course ID: 123797
2025 Fall (4 Credits)

Instructor Permission Required

Individualized study of the Czech language at the advanced level. Emphasis on reading with some practice in speaking and writing for professional and academic purposes. Conducted as a tutorial.

Course Note: Departmental languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student. Please contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions. Interested students should consult with the Czech course instructor and prepare a coherent plan for the course based on the information provided in the "Note on independent language tutorials ("R" Courses)" found at: <https://slavic.fas.harvard.edu/pages/language-study>

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Czech

FAS: Meets Foreign Lang Req: Czech

CZCH CR

Advanced Czech

MWF 0300 PM - 0415 PM

Veronika Tuckerova

Course ID: 123797
2026 Spring (4 Credits)

Instructor Permission Required

Individualized study of the Czech language at the advanced level. Emphasis on reading with some practice in speaking and writing for professional and academic purposes. Conducted as a tutorial.

Course Note: Departmental languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student. Please contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions. Interested students should consult with the Czech course instructor and prepare a coherent plan for the course based on the information provided in the "Note on independent language tutorials ("R" Courses)" found at: <https://slavic.fas.harvard.edu/pages/language-study>

FAS: Meets Foreign Lang Req: Czech

HCOL: Foreign Lang Citation: Czech

FAS Divisional Distribution: Arts and Humanities

CZCH CR (002)

Advanced Czech

No meeting time listed

Veronika Tuckerova

Course ID: 123797
2025 Fall (4 Credits)

Instructor Permission Required

Individualized study of the Czech language at the advanced level. Emphasis on reading with some practice in speaking and writing for professional and academic purposes. Conducted as a tutorial.

Course Note: Departmental languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student. Please contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions. Interested students should consult with the Czech course instructor and prepare a coherent plan for the course based on the information provided in the "Note on independent language tutorials ("R" Courses)" found at: <https://slavic.fas.harvard.edu/pages/language-study>

HCOL: Foreign Lang Citation: Czech

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Czech

Ukrainian

UKRA AA

Course ID: 116414
2025 Fall (4 Credits)

Elementary Ukrainian I

MWF 1030 AM - 1145 AM

Nataliya Shpylova-Saeed

An introductory course in modern Ukrainian language and culture, designed for students without previous knowledge who would like to speak Ukrainian or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are exposed to Ukrainian culture through work with prose and poetry as they learn to use the language both as a means of communication and as a tool for reading and research. This year-long full course satisfies the foreign language requirement and prepares students for continued study of Ukrainian in intermediate-level courses and for study or travel abroad in Ukraine. Part one of a two-part series.

Course Note: This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. - - -

Part one of a two-part series. Students are strongly encouraged to enroll in Ukrainian AA in the fall and Ukrainian AB in the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Ukrainian

Full Year Course: Divisible Course

UKRA AA (002)

Course ID: 116414
2025 Fall (4 Credits)

Elementary Ukrainian I

No meeting time listed

Nataliya Shpylova-Saeed

An introductory course in modern Ukrainian language and culture, designed for students without previous knowledge who would like to speak Ukrainian or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are exposed to Ukrainian culture through work with prose and poetry as they learn to use the language both as a means of communication and as a tool for reading and research. This year-long full course satisfies the foreign language requirement and prepares students for continued study of Ukrainian in intermediate-level courses and for study or travel abroad in Ukraine. Part one of a two-part series.

Course Note: This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. - - -

Part one of a two-part series. Students are strongly encouraged to enroll in Ukrainian AA in the fall and Ukrainian AB in the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

FAS: Meets Foreign Lang Req: Ukrainian

FAS Divisional Distribution: None

Full Year Course: Divisible Course

UKRA AB

Course ID: 159857
2026 Spring (4 Credits)

Elementary Ukrainian II

Nataliya Shpylova-Saeed

An introductory course in modern Ukrainian language and culture, designed for students without previous knowledge who would like to speak Ukrainian or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are exposed to Ukrainian culture through work with prose and poetry as they learn to use the language both as a means of communication and as a tool for reading and research. This year-long full course satisfies the foreign language requirement and prepares students for continued study of Ukrainian in intermediate-level courses and for study or travel abroad in Ukraine. Part two of a two-part series.

Course Note: This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. • • •

Part two of a two-part series. Students are strongly encouraged to enroll in Ukrainian AA in the fall and Ukrainian AB in the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

Requires: Prerequisite UKRA AA

FAS: Meets Foreign Lang Req: Ukrainian

FAS Divisional Distribution: None

Full Year Course: Divisible Course

UKRA BA

Course ID: 222788

Intermediate Ukrainian I

2025 Fall (4 Credits)

MWF 1200 PM - 0115 PM

Instructor Permission Required

Nataliya Shpylova-Saeed

Part one of a two part intermediate course in modern Ukrainian language and culture for students with previous study of the language. Further development of vocabulary and oral expression within a comprehensive review of Ukrainian grammar. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed as students learn to use the language both as a means of communication and as a tool for reading and research. Systematic study of word formation and other strategies are taught to help free students from excessive dependence on the dictionary and develop confidence in reading. The two part course prepares students for continued study of Ukrainian in advanced-level courses and for study or travel abroad in Ukraine. This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. - - - Part one of a two-part series. Students are strongly encouraged to enroll in UKRA Ba in the fall and UKRA Bb in the spring within the same academic year. - - - See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

Completed UKRA Ab, or placement at the B-level. Familiarity with fundamentals of Ukrainian grammar, particularly case endings and elementary competence in spoken Ukrainian.

HCOL: Foreign Lang Citation: Ukrainian

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Ukrainian

UKRA BA (002)

Course ID: 222788

Intermediate Ukrainian I

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Nataliya Shpylova-Saeed

Part one of a two part intermediate course in modern Ukrainian language and culture for students with previous study of the language. Further development of vocabulary and oral expression within a comprehensive review of Ukrainian grammar. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed as students learn to use the language both as a means of communication and as a tool for reading and

research. Systematic study of word formation and other strategies are taught to help free students from excessive dependence on the dictionary and develop confidence in reading. The two part course prepares students for continued study of Ukrainian in advanced-level courses and for study or travel abroad in Ukraine. This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. - - - Part one of a two-part series. Students are strongly encouraged to enroll in UKRA Ba in the fall and UKRA Bb in the spring within the same academic year. - - - See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

Completed UKRA Ab, or placement at the B-level. Familiarity with fundamentals of Ukrainian grammar, particularly case endings and elementary competence in spoken Ukrainian.

HCOL: Foreign Lang Citation: Ukrainian

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Ukrainian

UKRA BB

Course ID: 222789

Intermediate Ukrainian II

2026 Spring (4 Credits)

MWF 1030 AM - 1145 AM

Instructor Permission Required

Nataliya Shpylova-Saeed

Part two of a two part intermediate course in modern Ukrainian language and culture for students with previous study of the language. Further development of vocabulary and oral expression within a comprehensive review of Ukrainian grammar. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed as students learn to use the language both as a means of communication and as a tool for reading and research. Systematic study of word formation and other strategies are taught to help free students from excessive dependence on the dictionary and develop confidence in reading. The two part course prepares students for continued study of Ukrainian in advanced-level courses and for study or travel abroad in Ukraine. This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. • • • Part two of a two-part series. Students are strongly encouraged to enroll in UKRA Ba in the fall and UKRA Bb in the spring within the same academic year. - - - See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

UKRA Ba or placement at the B-level. Familiarity with fundamentals of Ukrainian grammar, particularly case endings and elementary competence in spoken Ukrainian.

HCOL: Foreign Lang Citation: Ukrainian

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Ukrainian

UKRA CR

Course ID: 110599

Advanced Ukrainian

2025 Fall (4 Credits)

M 0345 PM - 0545 PM

Instructor Permission Required

Nataliya Shpylova-Saeed

Individualized study of the Ukrainian language at the advanced level. Emphasis on reading with some practice in speaking and writing for professional and academic purposes. Conducted as a tutorial.

Course Note: Departmental languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student. Please contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions. Interested students should consult with the Ukrainian course instructor and prepare a coherent plan for the course based on the information provided in the "Note on independent language tutorials ("R" Courses)" found at: <https://slavic.fas.harvard.edu/pages/language-study>

HCOL: Foreign Lang Citation: Ukrainian

FAS: Meets Foreign Lang Req: Ukrainian
FAS Divisional Distribution: Arts and Humanities

UKRA CR

Advanced Ukrainian

MWF 1200 PM - 0115 PM

Nataliya Shpylova-Saeed

Course ID: 110599
2026 Spring (4 Credits)

Instructor Permission Required

Individualized study of the Ukrainian language at the advanced level. Emphasis on reading with some practice in speaking and writing for professional and academic purposes. Conducted as a tutorial.

Course Note: Departmental languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student. Please contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions. Interested students should consult with the Ukrainian course instructor and prepare a coherent plan for the course based on the information provided in the "Note on independent language tutorials ("R" Courses)" found at: <https://slavic.fas.harvard.edu/pages/language-study>

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Ukrainian

FAS: Meets Foreign Lang Req: Ukrainian

BCS AA

Course ID: 110073
2025 Fall (4 Credits)

Elementary Bosnian, Croatian, and Serbian I

MWF 1200 PM - 0115 PM

Tatiana Kuzmic

Part one of a two-part introductory course in modern Bosnian, Croatian, and Serbian (BCS), designed for students without previous knowledge of the language who would like to speak BCS or use it for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed in these languages that are as mutually intelligible as British and American English, if not even more so. Students are also exposed to BCS culture through excerpts from poetry, prose, and newspaper headlines, as well as video and popular music clips.

Course Note: This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. - - -

Part one of a two-part series. Students are strongly encouraged to enroll in BCS AA in the fall and BCS AB in the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

Full Year Course: Divisible Course

FAS: Meets Foreign Lang Req: Bosnian, Croatian, and Serbian

FAS Divisional Distribution: None

BCS AA (002)

Course ID: 110073
2025 Fall (4 Credits)

Elementary Bosnian, Croatian, and Serbian I

No meeting time listed

Tatiana Kuzmic

Part one of a two-part introductory course in modern Bosnian, Croatian, and Serbian (BCS), designed for students without previous knowledge of the language who would like to speak BCS or use it for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed in these languages that are as mutually intelligible as British and American English, if not even more so. Students are also exposed to BCS culture through excerpts from poetry, prose, and newspaper headlines, as well as video and popular music clips.

Course Note: This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. - - -

Part one of a two-part series. Students are strongly encouraged to enroll in BCS AA in the fall and BCS AB in the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

FAS: Meets Foreign Lang Req: Bosnian, Croatian, and Serbian

FAS Divisional Distribution: None

Full Year Course: Divisible Course

BCS AB

Course ID: 205524
2026 Spring (4 Credits)

Elementary Bosnian, Croatian, and Serbian II

MWF 1200 PM - 0115 PM

Instructor Permission Required

Tatiana Kuzmic

Part two of a two-part introductory course in modern Bosnian, Croatian, and Serbian (BCS), designed for students without previous knowledge of the language who would like to speak BCS or use it for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed in these languages that are as mutually intelligible as British and American English, if not even more so. Students are also exposed to BCS culture through excerpts from poetry, prose, and newspaper headlines, as well as video and popular music clips.

Course Note: This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. - - -

Part two of a two-part series. Students are strongly encouraged to enroll in BCS AA in the fall and BCS AB in the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

Requires: Prerequisite BCS AA

Full Year Course: Divisible Course

FAS: Meets Foreign Lang Req: Bosnian, Croatian, and Serbian

FAS Divisional Distribution: None

BCS BA

Course ID: 110074

Intermediate Bosnian, Croatian, and Serbian I

2025 Fall (4 Credits)

MWF 0130 PM - 0245 PM

Instructor Permission Required

Tatiana Kuzmic

Part one of a two-part intermediate course in modern Bosnian, Croatian, and Serbian (BCS) language and culture for students with previous study of the language. Oral and written expression are further developed through a comprehensive review of BCS grammar, while reading and listening comprehension are furthered through an introduction to the highlights of BCS literary fiction and the viewing of popular contemporary BCS TV series. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed as students continue learning to use the language both as a means of communication and as a tool for reading and research.

Course Note: This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. - - -

Part one of a two-part series. Students are strongly encouraged to enroll in BCS BA in the fall and BCS BB in the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

FAS: Meets Foreign Lang Req: Bosnian, Croatian, and Serbian

Full Year Course: Divisible Course

HCOL: Foreign Lang Citation: Bosnian, Serbian, Croatian

FAS Divisional Distribution: None

BCS BA (002)

Course ID: 110074

Intermediate Bosnian, Croatian, and Serbian I

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Tatiana Kuzmic

Part one of a two-part intermediate course in modern Bosnian, Croatian, and Serbian (BCS) language and culture for students with previous study of the language. Oral and written expression are further developed through a comprehensive review of BCS grammar, while reading and listening comprehension are furthered through an introduction to the highlights of BCS literary fiction and the viewing of popular contemporary BCS TV series. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed as

students continue learning to use the language both as a means of communication and as a tool for reading and research.

Course Note: This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. - - -

Part one of a two-part series. Students are strongly encouraged to enroll in BCS BA in the fall and BCS BB in the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

Full Year Course: Divisible Course

HCOL: Foreign Lang Citation: Bosnian, Serbian, Croatian

FAS: Meets Foreign Lang Req: Bosnian, Croatian, and Serbian

FAS Divisional Distribution: None

BCS BB

Intermediate Bosnian, Croatian, and Serbian II

MWF 0300 PM - 0415 PM

Tatiana Kuzmic

Course ID: 205525
2026 Spring (4 Credits)

Instructor Permission Required

Part two of a two-part intermediate course in modern Bosnian, Croatian, and Serbian (BCS) language and culture for students with previous study of the language. Oral and written expression are further developed through a comprehensive review of BCS grammar, while reading and listening comprehension are furthered through an introduction to the highlights of BCS literary fiction and the viewing of popular contemporary BCS TV series. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed as students continue learning to use the language both as a means of communication and as a tool for reading and research.

Course Note: This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. • • •

Part two of a two-part series. Students are strongly encouraged to enroll in BCS BA in the fall and BCS BB in the spring within the same academic year. • • •

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

Requires: Prerequisite BCS BA

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Bosnian, Croatian, and Serbian

HCOL: Foreign Lang Citation: Bosnian, Serbian, Croatian

Full Year Course: Divisible Course

BCS CR

Advanced Bosnian, Croatian, and Serbian

No meeting time listed

Tatiana Kuzmic

Course ID: 110075
2025 Fall (4 Credits)

Instructor Permission Required

Individualized study of the Bosnian, Croatian, and Serbian languages at the advanced level. Emphasis on reading with some practice in speaking and writing for professional and academic purposes. Conducted as a tutorial.

Course Note: Departmental languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student. Please contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions. Interested students should consult with the Bosnian/Croatian/Serbian course instructor and prepare a coherent plan for the course based on the information provided in the "Note on independent language tutorials ("R" Courses)" found at: <https://slavic.fas.harvard>.

HCOL: Foreign Lang Citation: Bosnian, Serbian, Croatian

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Bosnian, Croatian, and Serbian

BCS CR

Advanced Bosnian, Croatian, and Serbian

M 0130 PM - 0230 PM

Tatiana Kuzmic

Course ID: 110075
2026 Spring (4 Credits)

Instructor Permission Required

Individualized study of the Bosnian, Croatian, and Serbian languages at the advanced level. Emphasis on reading with some practice in speaking and writing for professional and academic purposes. Conducted as a tutorial.

Course Note: Departmental languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student. Please contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions. Interested students should consult with the Bosnian/Croatian/Serbian course instructor and prepare a coherent plan for the course based on the information provided in the "Note on independent language tutorials ("R" Courses)" found at: <https://slavic.fas.harvard.edu/pages/language-study>

HCOL: Foreign Lang Citation: Bosnian, Serbian, Croatian

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Bosnian, Croatian, and Serbian

PLSH AA

Course ID: 123076
2025 Fall (4 Credits)

Elementary Polish I

MWF 1030 AM - 1145 AM

Iryna Kovalchuk

Part one of a two part introductory course in modern Polish language, culture, and art designed for students without previous knowledge who would like to speak Polish or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are exposed to Polish culture through reading of prose and poetry as they learn to use the language both as a means of communication and as a tool for reading and research. Polish AA: Elementary Polish I together with Polish AB: Elementary Polish II satisfy the foreign language requirement and prepare students for continued study of Polish in intermediate-level courses and for study or travel abroad in Poland.

Course Note: This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. - - -

Part one of a two-part series. Students are strongly encouraged to enroll in Polish AA in the fall and Polish AB in the spring within the same academic year. - - -

*See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>
Students who take this course are eligible to apply for the Slavic Department's Jurzykowski grant for the summer language study in Poland (2024 edition): <https://slavic.fas.harvard.edu/news/applications-open-jurzykowski-summer-polish-grants-2024-language-study>*

FAS: Meets Foreign Lang Req: Polish

Full Year Course: Divisible Course

FAS Divisional Distribution: None

PLSH AA (002)

Course ID: 123076
2025 Fall (4 Credits)

Elementary Polish I

No meeting time listed

Iryna Kovalchuk

Part one of a two part introductory course in modern Polish language, culture, and art designed for students without previous knowledge who would like to speak Polish or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are exposed to Polish culture through reading of prose and poetry as they learn to use the language both as a means of communication and as a tool for reading and research. Polish AA: Elementary Polish I together with Polish AB: Elementary Polish II satisfy the foreign language requirement and prepare students for continued study of Polish in intermediate-level courses and for study or travel abroad in Poland.

Course Note: This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. - - -

Part one of a two-part series. Students are strongly encouraged to enroll in Polish AA in the fall and Polish AB in the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

FAS Divisional Distribution: None

Full Year Course: Divisible Course

FAS: Meets Foreign Lang Req: Polish

Part two of a two part introductory course in modern Polish language, culture, and art designed for students without previous knowledge who would like to speak Polish or use the language for reading and research. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed. Students are exposed to Polish culture through reading of prose and poetry as they learn to use the language both as a means of communication and as a tool for reading and research. Polish AA: Elementary Polish I together with Polish AB: Elementary Polish II satisfy the foreign language requirement and prepare students for continued study of Polish in intermediate-level courses and for study or travel abroad in Poland.

Course Note: This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. . . .

Part two of a two-part series. Students are strongly encouraged to enroll in Polish AA in the fall and Polish AB in the spring within the same academic year. - - -

*See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>
Students who take this course are eligible to apply for the Slavic Department's Jurzykowski grant for the summer language study in Poland (2024 edition): <https://slavic.fas.harvard.edu/news/applications-open-jurzykowski-summer-polish-grants-2024-language-study>*

Requires: Prerequisite PLSH AA

Full Year Course: Divisible Course

FAS: Meets Foreign Lang Req: Polish

FAS Divisional Distribution: None

Part one of a two part intermediate course in modern Polish language, culture, and art for students with previous study of the language. Further development of vocabulary and oral expression within a comprehensive review of Polish grammar. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed as students learn to use the language both as a means of communication and as a tool for reading and research. Introduction to Polish literature through fiction and poetry, history and contemporary events, including readings from literary masterpieces from Polish literature from the era of the Renaissance to contemporary times including Jan Kochanowski, Wisława Szymborska, Zbigniew Herbert, Czesław Miłosz and others. Film clips and newspaper articles will introduce students to a variety of styles of contemporary Polish. Systematic study of word formation and other strategies are taught to help free students from excessive dependence on the dictionary and develop confidence in reading. Intermediate Polish I and Intermediate Polish II together prepare students for continued study of Polish in advanced-level courses and for study or travel abroad in Poland.

Course Note: This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. - - -

Part one of a two-part series. Students are strongly encouraged to enroll in Polish BA in the fall and Polish BB in the spring within the same academic year. - - -

*See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>
Students who take this course are eligible to apply for the Slavic Department's Jurzykowski grant for the summer language study in Poland (2024 edition): <https://slavic.fas.harvard.edu/news/applications-open-jurzykowski-summer-polish-grants-2024-language-study>*

Polish AB or placement at the B-level. Familiarity with fundamentals of Polish grammar, particularly case endings and elementary competence in spoken Polish.

FAS: Meets Foreign Lang Req: Polish

HCOL: Foreign Lang Citation: Polish

FAS Divisional Distribution: None

Full Year Course: Divisible Course

PLSH BA (002)

Course ID: 124971

Intermediate Polish I

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Iryna Kovalchuk

Part one of a two part intermediate course in modern Polish language, culture, and art for students with previous study of the language. Further development of vocabulary and oral expression within a comprehensive review of Polish grammar. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed as students learn to use the language both as a means of communication and as a tool for reading and research. Introduction to Polish literature through fiction and poetry, history and contemporary events, including readings from literary masterpieces from Polish literature from the era of the Renaissance to contemporary times including Jan Kochanowski, Wisława Szymborska, Zbigniew Herbert, Czesław Miłosz and others. Film clips and newspaper articles will introduce students to a variety of styles of contemporary Polish. Systematic study of word formation and other strategies are taught to help free students from excessive dependence on the dictionary and develop confidence in reading. Intermediate Polish I and Intermediate Polish II together prepare students for continued study of Polish in advanced-level courses and for study or travel abroad in Poland.

Course Note: This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. - - -

Part one of a two-part series. Students are strongly encouraged to enroll in Polish BA in the fall and Polish BB in the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>

Polish AB or placement at the B-level. Familiarity with fundamentals of Polish grammar, particularly case endings and elementary competence in spoken Polish.

Full Year Course: Divisible Course

FAS: Meets Foreign Lang Req: Polish

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: Polish

PLSH BB

Course ID: 160408

Intermediate Polish II

2026 Spring (4 Credits)

MWF 1200 PM - 0115 PM

Instructor Permission Required

Iryna Kovalchuk

Part two of a two part intermediate course in modern Polish language, culture, and art for students with previous study of the language. Further development of vocabulary and oral expression within a comprehensive review of Polish grammar. All four major communicative skills (speaking, listening comprehension, reading, writing) are stressed as students learn to use the language both as a means of communication and as a tool for reading and research. Introduction to Polish literature through fiction and poetry, history and contemporary events, including readings from literary masterpieces from Polish literature from the era of the Renaissance to contemporary times including Jan Kochanowski, Wisława Szymborska, Zbigniew Herbert, Czesław Miłosz and others. Film clips and newspaper articles will introduce students to a variety of styles of contemporary Polish. Systematic study of word formation and other strategies are taught to help free students from excessive dependence on the dictionary and develop confidence in reading. Intermediate Polish I and Intermediate Polish II together prepare students for continued study of Polish in advanced-level courses and for study or travel abroad in Poland.

Course Note: This course will be offered MWF with 75 min class meetings. The department will make an effort to schedule the course based on the availability of interested students. Please contact the course instructor or the Director of the Slavic Language Program (Steven Clancy <sclancy@fas.harvard.edu>) with any questions. For information on meetings during the first week of classes, please see <https://slavic.fas.harvard.edu/language-courses>. • • •

Part two of a two-part series. Students are strongly encouraged to enroll in Polish BA in the fall and Polish BB in

the spring within the same academic year. - - -

See language course notes on the Slavic Department website for information about sectioning, pass/fail, satisfactory/unsatisfactory, and auditing: <https://slavic.fas.harvard.edu/language-course-notes>
Students who take this course are eligible to apply for the Slavic Department's Jurzykowski grant for the summer language study in Poland (2024 edition): <https://slavic.fas.harvard.edu/news/applications-open-jurzykowski-summer-polish-grants-2024-language-study>

Polish Ba or placement at the B-level. Familiarity with fundamentals of Polish grammar, particularly case endings and elementary competence in spoken Polish.

Requires: Prerequisite PLSH BA

FAS: Meets Foreign Lang Req: Polish

HCOL: Foreign Lang Citation: Polish

Full Year Course: Divisible Course

FAS Divisional Distribution: None

PLSH CR

Advanced Polish

W 0130 PM - 0245 PM

Iryna Kovalchuk

Course ID: 109342

2025 Fall (4 Credits)

Instructor Permission Required

Individualized study of the Polish language at the advanced level. Emphasis on reading with some practice in speaking and writing for professional and academic purposes. Conducted as a tutorial.

Course Note: Departmental languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student. Please contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions. Interested students should consult with the Polish course instructor and prepare a coherent plan for the course based on the information provided in the "Note on independent language tutorials ("R" Courses)" found at: <https://slavic.fas.harvard.edu/pages/language-study>

Students who take this course are eligible to apply for the Slavic Department's Jurzykowski grant for the summer language study in Poland (2024 edition): <https://slavic.fas.harvard.edu/news/applications-open-jurzykowski-summer-polish-grants-2024-language-study>

HCOL: Foreign Lang Citation: Polish

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Polish

PLSH CR

Advanced Polish

T 1200 PM - 0115 PM

Iryna Kovalchuk

Course ID: 109342

2026 Spring (4 Credits)

Instructor Permission Required

Individualized study of the Polish language at the advanced level. Emphasis on reading with some practice in speaking and writing for professional and academic purposes. Conducted as a tutorial.

Course Note: Departmental languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student. Please contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions. Interested students should consult with the Polish course instructor and prepare a coherent plan for the course based on the information provided in the "Note on independent language tutorials ("R" Courses)" found at: <https://slavic.fas.harvard.edu/pages/language-study>

Students who take this course are eligible to apply for the Slavic Department's Jurzykowski grant for the summer language study in Poland (2024 edition): <https://slavic.fas.harvard.edu/news/applications-open-jurzykowski-summer-polish-grants-2024-language-study>

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Polish

FAS: Meets Foreign Lang Req: Polish

PLSH CR (002)

Advanced Polish

Course ID: 109342

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Iryna Kovalchuk

Individualized study of the Polish language at the advanced level. Emphasis on reading with some practice in speaking and writing for professional and academic purposes. Conducted as a tutorial.

Course Note: Departmental languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student. Please contact the Director of the Slavic Language Program, Steven Clancy (sclancy@fas.harvard.edu), with any questions. Interested students should consult with the Polish course instructor and prepare a coherent plan for the course based on the information provided in the "Note on independent language tutorials ("R" Courses)" found at: <https://slavic.fas.harvard.edu/pages/language-study>

FAS: Meets Foreign Lang Req: Polish

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Polish

Social Policy

Social Policy

SPOL 300

Reading and Research

No meeting time listed

Nicole Tateosian

Course ID: 119001

2025 Fall (4 Credits)

Instructor Permission Required

SPOL 302

Doctoral Dissertation Research

No meeting time listed

Course ID: 117694

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

Social Studies

Social Studies

SOC-STD 10A

Introduction to Social Studies

T 1245 PM - 0245 PM

Course ID: 115470

2025 Fall (4 Credits)

Instructor Permission Required

This course offers an introduction to the foundations of modern social theory from the seventeenth to the nineteenth century. Our focus will be on the development of modern moral, political, and economic ideas, with special emphasis on empire, race, inequality, and the environment. Authors we will examine include, among others, Thomas Hobbes, Jean-Jacques Rousseau, Adam Smith, Ottobah Cugoano, Mary Wollstonecraft, Frederick Douglass, Charles Darwin, and Karl Marx.

Course Note: This course is limited to sophomores and Social Studies concentrators. This course is a prerequisite for sophomores applying to Social Studies. Students planning to take this class must attend the first lecture to be admitted.

Please sign up for the Thursday 12:45-2:45 section time. If you have a scheduling conflict, you may sign up for the TBD section time in order to register; however, we cannot guarantee an alternate section time.

FAS Divisional Distribution: Social Sciences

SOC-STD 10B

Introduction to Social Studies

T 1245 PM - 0245 PM

Joel Suarez, Brandon Terry

Course ID: 123964
2026 Spring (4 Credits)

Instructor Permission Required

This class continues the introduction to the classic texts of social theory begun in Social Studies 10a through the twentieth century. Authors include Friedrich Nietzsche, Max Weber, Emile Durkheim, W.E.B. Du Bois, Sigmund Freud, Simone de Beauvoir, Frantz Fanon, and Michel Foucault.

Course Note: This course is limited to students who have taken Social Studies 10a.

Please sign up for the Thursday 12:45-2:45 section time. If you have a scheduling conflict, you may sign up for the TBD section time in order to register; however, we cannot guarantee an alternate section time.

Requires: Prerequisite: Social Studies 10a

FAS Divisional Distribution: Social Sciences

SOC-STD 50

Foundations of Social Science Research

No meeting time listed

Matt Reichert

Course ID: 213384
2026 Spring (4 Credits)

Instructor Permission Required

This course introduces students to the diversity of methods that social scientists use to answer questions about the social and political world. We survey both qualitative and quantitative approaches, and consider how to make the most of each at all stages of the research process, from exploring ideas, to collecting evidence, to communicating findings. Students learn how to conduct interviews and focus groups, use archives and primary sources creatively, and design interesting case studies. Students also learn how to conduct in-depth ethnographic observation, use an array of quantitative tools, run surveys, and understand the logic of experiments and causal inference. We consider how deeper epistemological commitments shape our methodological choices, and how politics and power shape the scientific communities in which we work. Course assignments help thesis-writers explore potential topics and prepare them to immediately conduct productive original research. Sectioning will be scheduled after enrollment. This class is designed for juniors concentrating in Social Studies; sophomores, seniors, and students from other concentrations should contact the instructor before petitioning to enroll.

Course Note: This course will be lotteried and is open to non-concentrators if space permits.

FAS Divisional Distribution: Social Sciences

SOC-STD 50 (2)

Foundations of Social Science Research

TR 1030 AM - 1145 AM

Matt Reichert

Course ID: 213384
2025 Fall (4 Credits)

Instructor Permission Required

This course introduces students to the diversity of methods that social scientists use to answer questions about the social and political world. We survey both qualitative and quantitative approaches, and consider how to make the most of each at all stages of the research process, from exploring ideas, to collecting evidence, to communicating findings. Students learn how to conduct interviews and focus groups, use archives and primary sources creatively, and design interesting case studies. Students also learn how to conduct in-depth ethnographic observation, use an array of quantitative tools, run surveys, and understand the logic of experiments and causal inference. We consider how deeper epistemological commitments shape our methodological choices, and how politics and power shape the scientific communities in which we work. Course assignments help thesis-writers explore potential topics and prepare them to immediately conduct productive original research. Sectioning will be scheduled after enrollment. This class is designed for juniors concentrating in Social Studies; sophomores, seniors, and students from other concentrations should contact the instructor before petitioning to enroll.

Course Note: This course will be lotteried and is open to non-concentrators if space permits.

FAS Divisional Distribution: Social Sciences

SOC-STD 60

Making Sense of Methods for Theoretical and Historical Research

No meeting time listed

Charles Clavey, Sarah Greenberg

Course ID: 213383
2026 Spring (4 Credits)

Instructor Permission Required

This course has three interrelated aims. First, it will introduce students to the foundational questions of the philosophy of social science. How do social scientists and theorists interpret and explain the world around them? How are models and concepts created and applied? What does it mean to argue that one event causes another one? Second, the class will familiarize students with the range of theoretical and historical methods that could be used in a senior thesis. What are the established and cutting-edge paradigms of social-science research? Where do these disciplines converge and diverge? What topics and questions are best suited to each method? Third, the course will prepare juniors and first-semester seniors to undertake thesis research. Through a range of exercises and activities, students will shape their interests into precise questions and feasible projects. In deciding which approach might be the most apt for their theses, they will confront the stakes—practical, philosophical, and political—of methodological choices.

Course Note: This course will be lotteried and is open to non-concentrators if space permits.

FAS Divisional Distribution: Social Sciences

SOC-STD 68LS

Land, Space, and Politics

No meeting time listed

Benjamin Mueser

Course ID: 225845
2026 Spring (4 Credits)

Instructor Permission Required

After the Civil War, formerly enslaved and free black people maintained that their freedom required land of their own, an idea embodied in the Reconstruction era promise of '40 acres and mule.' Beginning in the 1950s, an American 'back-to-the-land' movement formed, insisting that restoring democracy required returning to agrarian lives. In November 1969, a group of Indigenous activists occupied Alcatraz Island, claiming that a 1851 treaty required retired federal lands to be returned to Indigenous peoples. Since early colonization and to the present, Americans have practiced 'squatting' to claim lands and spaces as their own, even without legal title. These are very different events, but they share a common theme. Each prompt us to consider the central importance of spatial belonging and situatedness to political life. What did the land mean to these people? What does it mean to us? What is it, exactly, that we are demanding when we demand a space for our own? This class will address these questions with interdisciplinary readings on the relationships we form toward the land. Our goal is to not isolate abstract scholarship, but instead to examine the connections between theory and praxis, and to highlight how we can apply the theories we discuss in class. Toward that end, the class will be organized around 5 modules, foregrounding present-day and historical movements, following by theoretical reflections. Our guiding principle will be that practice has more to teach theory than the other way around, and good applied theory takes a critical approach to each.

Course Note: This course will be lotteried and is capped at 12 students.

SOC-STD 91

Supervised Reading and Research

No meeting time listed

Chris Rominger

Course ID: 119116
2025 Fall (4 Credits)

Instructor Permission Required

Individual work in Social Studies on a topic not covered by regular courses of instruction. Permission of the Director of Studies required.

FAS Divisional Distribution: Social Sciences

SOC-STD 91

Supervised Reading and Research

No meeting time listed

Chris Rominger

Course ID: 119116
2026 Spring (4 Credits)

Instructor Permission Required

Individual work in Social Studies on a topic not covered by regular courses of instruction. Permission of the Director of Studies required.

FAS Divisional Distribution: Social Sciences

Law and American Society*No meeting time listed**Instructor Permission Required**Terry Aladjem*

At a time when the rule of law is imperiled, our democracy and equal rights of every kind under assault by multiple forces, the importance of understanding our constitutional system of rights and laws as essential to the fabric of the nation cannot be overstated. The course will examine law as a vehicle of political conflict and a defining force in American society in four dimensions: 1.) as it establishes individual rights, liberties, and the limits of toleration; 2.) as it attempts to resolve differences among competing constituencies; 3.) as it sets out terms of punishment and social control having effects on race and class, and 4.) as a source of informing images and ideological meaning. We will examine these themes with close attention to their historical roots and their constitutional and theoretical origins, to their manifestations in our current political discourse. We will take up issues at the level of jurisprudence or political theory, but also as they arise in public controversies, or are settled in legal cases by the courts—cases in which racial or gender equality are at stake, religious or sexual freedom, cases in which the nature and content of political speech are questioned, cases in which the imperatives of religious communities seem irreconcilable with public institutions, cases in which the nature and extent of punishment have been debated and the question of who deserves to be punished decided, and notorious public trials in which the national self-understanding has been shaped. Our aim is to bring theory to bear, and down to earth, in each consideration (we will read Foucault's *Discipline and Punish*, and also examine prisons and mass incarceration). This is a junior tutorial.

Course Note: This course will be lotteried and is open to non-concentrators if space permits.

FAS Divisional Distribution: Social Sciences

Art, Political Culture, and Civic Life

T 0300 PM - 0500 PM

*Instructor Permission Required**Kiku Adatto*

The seminar explores the interplay of the arts, political culture, and civic life. It will draw on studies in art, history, political philosophy, literature, sociology, and photography. Among the questions we will address are: How is historical memory constructed, and what are the competing forces that shape it? What is the significance of public apologies, and does solidarity create moral responsibilities for historical injustices? How is cultural domination exerted, and how is it resisted? In what ways does rhetoric shape politics, and what role does it play in national narratives? Why does the contest to control images loom so large in politics, the media, and in our everyday lives? This is a junior tutorial.

Course Note: This course will be lotteried and is open to non-concentrators if space permits.

FAS Divisional Distribution: Social Sciences

The Governance of Artificial Intelligence*No meeting time listed**Instructor Permission Required**Joan O'Bryan*

Are we about to be replaced? Some experts have predicted the rise of Artificial General Intelligence—and machines which could outperform humans at nearly every task—as soon as the end of this decade. What exactly is artificial intelligence, where is it headed, and what does it mean for us? This junior tutorial explores the most recent philosophical and policy challenges raised by this emerging technology, with the aim of enabling students to develop an original research project on an unanswered question concerning the impact of AI on human society. These questions may include: under what conditions do chatbots deserve legal personhood or protections? How should we regulate frontier models, and what are the guiding assumptions behind the AI safety movement? Do rich countries have a duty of justice to provide global access to advanced computer chips and open-source LLM code? Can big data improve democratic functioning, and if so, at what cost? And what should we do in the face of the "singularity"? Overall, students will develop an understanding of the technical basics of machine learning and the material conditions required to enable its development, examine a number of case studies on AI's current and prospective impacts, and critically engage with key debates in AI ethics and governance.

Course Note: This course will be lotteried and is open to non-concentrators if space permits.

SOC-STD 98LF

Globalization and the Nation State

T 0300 PM - 0500 PM

Nicolas Prevelakis

Course ID: 125982

2025 Fall (4 Credits)

Instructor Permission Required

As globalization faces challenges, the nation-state and nationalism have resurged, influencing global and local identities. This course examines why, focusing on the nature of nationalism, ethnic conflicts, the rise of populism and authoritarianism, and global issues such as inequality, migration, and climate change. Through theoretical texts and case studies from various regions, including the U.S., Europe, and China, students will explore the renewed importance of nationalism and the nation-state in the current global landscape. This is a junior tutorial.

Course Note: This course will be lotteried and is open to non-concentrators if space permits.

FAS Divisional Distribution: Social Sciences

SOC-STD 98MM

Asian Cities: Multiple Modernities and Global Connections

M 1245 PM - 0245 PM

Xinyu Guan

Course ID: 226282

2025 Fall (4 Credits)

Instructor Permission Required

What does studying Asian cities teach us about cities, and about Asia writ large? Through engaging with ethnographies and urban theories, we will explore themes such as (post)colonialism, multiple modernities, informality, neoliberalism, (post)socialism, migration, and diaspora. This course will be of interest to students with an interest in urban-related topics in general, with no background knowledge on Asia required. In addition to cities situated within Asia, we will examine diasporic urban spaces and communities physically outside of Asia. Alongside the course themes, we will analyze and learn how to conduct ethnography and interviews, in addition to analyzing maps and archival material. There will be an ethnographic assignment, where students will learn to conduct an in-person ethnographic observational exercise of an Asia-related space or community in the Boston area. For the culminating final assignment, students will pick one of the methods to conduct original research and write a 20-25-page paper. This is a junior tutorial.

Course Note: This course will be lotteried and is open to non-concentrators if space permits.

FAS Divisional Distribution: Social Sciences

SOC-STD 98ND

Justice and Reconciliation after Mass Violence

No meeting time listed

Jonathan Hansen

Course ID: 128057

2026 Spring (4 Credits)

Instructor Permission Required

This seminar examines the problem of justice and reconciliation after mass violence: How does a nation sundered by genocide, civil war, or gross human rights violations reestablish the social trust and civic consciousness required of individual and collective flourishing? What is the proper balance between individual and collective responsibility? What is the role of trials, truth commissions, and apology in civil reconciliation? How do specific types of mass violence influence outcomes? What makes some reconciliations successful, others less so? The course engages these and other questions from historical and contemporary perspectives, exploring the legacy of mass violence going back centuries, while examining reconciliation projects across cultures, countries, and continents. This course comprises three units: 1) a typology of mass violence (civil war, genocide, state repression, for instance) and historical responses; 2) case studies of the U.S. Civil War (and its continuing legacy), the Troubles (N. Ireland), and the Rwandan genocide; and 3) a research and writing workshop emphasizing students own work. The goal of the course is to introduce students to the literature of mass violence from an interdisciplinary perspective (including but not limited to historical, sociological, and anthropological approaches), ultimately launching students on their own research projects. This is a junior tutorial.

Course Note: This course will be lotteried and is open to non-concentrators if space permits.

FAS Divisional Distribution: Social Sciences

SOC-STD 98PM

Political Myth

W 0300 PM - 0500 PM

Benjamin Mueser

Course ID: 225033

2025 Fall (4 Credits)

Instructor Permission Required

Political myth, or ideologically-marked narratives that are essential to the identity of a social group, has often

been thought of as antithetical to political theory. By obscuring the truth in false narratives, or by communicating truths through narrative and arational means, myth has been interpreted as hostile to freedom, liberalism, rationalism, and deliberative democracy. And yet, despite Max Weber's claim that the modern world had become 'disenchanted,' the last century saw an explosion of political myths implicitly and explicitly driving mass political movements. Political myth prompts key questions about political theory: Is it possible or even desirable to have a politics without myth? If not, then what role exactly does myth play in politics? Can political myths be open to contestation and reevaluation? Under what conditions can political myth be a means of oppression, and under what conditions can it serve emancipatory ends? To address these questions, this class will examine the relationship between myth and politics through a series of major theoretical statements drawn mostly from European intellectual history followed by a series of case studies. This is a junior tutorial.

Course Note: This course will be lotteried and is open to non-concentrators if space permits.

FAS Divisional Distribution: Social Sciences

SOC-STD 98PO

States, Empires, and Postcolonialism

W 0300 PM - 0500 PM

Yasemin Bavbek

Course ID: 224409

2025 Fall (4 Credits)

Instructor Permission Required

This seminar introduces major approaches to empires in social sciences, with a particular focus on the global and postcolonial turns and their critiques. We will discuss canonical works of postcolonialism, subaltern studies, and the Black Radical Tradition together with contemporary empirical work on empires. This seminar aims to 1) develop a comprehensive understanding of the conceptual toolkit of postcolonial thought and the Black Radical Tradition while addressing the sociopolitical contexts which gave rise to them, 2) compare postcolonial approaches to other major paradigms of anti-imperialist thought, and 3) survey approaches to empires and borderlands that do not conform to the categories of postcolonial thought. We will explore imperial legacies in social thought, political organization, and state formation from an interdisciplinary perspective. Some of the questions this seminar addresses are: How are racialization and empire related in different contexts? How can we apprehend the histories of (physical, epistemic, symbolic etc.) violence and extraction from a subaltern anti-imperial perspective? How do the metropolises and colonies relate to and constitute each other? Do empires learn from each other, and if so how? How do imperial relations structure contemporary politics, culture, and power relations? What forms does imperial domination and resistance against empire take? This is a junior tutorial.

Course Note: This course will be lotteried and is open to non-concentrators if space permits.

FAS Divisional Distribution: Social Sciences

SOC-STD 98PV

The Critical Theory of the Frankfurt School

W 0945 AM - 1145 AM

Charles Clavey

Course ID: 156263

2025 Fall (4 Credits)

Instructor Permission Required

This course examines the distinctive critical theory created by members of the Institute for Social Research—better known as the Frankfurt School—from its origins in the interwar era to the present day. Over these decades, critical theory has used tools from philosophy, psychology, and sociology to grasp the pathologies of the present and to chart a path towards emancipation in the future. We will reconstruct the Frankfurt School's evolving theory through its connections to the most important themes of twentieth-century thought: capitalism, authoritarianism, individuality, bureaucracy, and alienation. Our goal is not only to gain a deep understanding of critical theory but also to assess its continued relevance to modern social and political thought. This is a junior tutorial.

Course Note: This course will be lotteried and is open to non-concentrators if space permits.

FAS Divisional Distribution: Social Sciences

SOC-STD 98RI

Religion in Politics

R 0945 AM - 1145 AM

Sarah Greenberg

Course ID: 224372

2025 Fall (4 Credits)

Instructor Permission Required

This course problematizes the place, space, and role of religion in political and social life. We will question how, when, and why religion shapes, generates, and complicates politics, and if religion as such ontologically belongs to any political party or location on a right-left spectrum or a public-private distinction. We will explore these dynamics through primary and secondary works of political theory and intellectual history, and focus on ideas,

concepts, and traditions such as civil religion, secularism, pluralism, liberalism, authority, identity, and more. Assignments in this course are focused on completing an independent research paper by the end of the term, emphasizing theoretical and historical methods. This is a junior tutorial.

Course Note: This course will be lotteried and is open to non-concentrators if space permits.

FAS Divisional Distribution: Social Sciences

SOC-STD 98SE

Race, Ethnicity, and Inequality

No meeting time listed

Christina Ciocca Eller

Course ID: 213256

2026 Spring (4 Credits)

Instructor Permission Required

The United States is more racially and ethnically diverse than at any point in its history. Yet racial and ethnic social categories remain persistent sources of inequality in American society. This tutorial will interrogate the relationships between race, ethnicity, and inequality, examining theoretical and empirical approaches across multiple social domains. Part I of the course focuses on the historical development and contemporary meanings of both "race" and "ethnicity" in the United States. Part II discusses the reproduction of social categories and the consequences of reproduction for inequality. Part III examines the relationship between race, ethnicity, and inequality in particular social domains, including neighborhoods, youth experiences, policing and mass incarceration, higher education, and the labor market. And Part IV dives deep into the issue of within-group inequalities by race and ethnicity, while also introducing global comparative approaches. We will discuss the implications for public policy through each of these case studies, focusing on strategies for reducing racial and ethnic inequality. This is a junior tutorial.

Course Note: This course will be lotteried and is open to non-concentrators if space permits.

FAS Divisional Distribution: Social Sciences

SOC-STD 98SS

Statecraft and Sexuality

W 1245 PM - 0245 PM

Miriam Gleckman-Krut

Course ID: 224417

2025 Fall (4 Credits)

Instructor Permission Required

Sexuality is central to modern statecraft. This junior tutorial explores how – and why – states regulate sex, sexual violence, sexual taboos, sexual identities, and even talk of sex. Through attention to cases in North America and Southern Africa, we learn how sexuality is embedded in state formation, in the distribution of citizenship entitlements, and in efforts to maintain political legitimacy. Transnational comparisons elucidate generalizable features of sexuality and statecraft, as well as historical moments in which states learn from one another about how to deploy sexuality as a technology of power. Our examination of cases in the Global North and South exposes how these state processes operate in the context of global inequalities. This is a junior tutorial.

Course Note: This course will be lotteried and is open to non-concentrators if space permits.

FAS Divisional Distribution: Social Sciences

SOC-STD 98UD

Critical Theory of Knowledge, Technology and Power

No meeting time listed

Bo-Mi Choi

Course ID: 218523

2026 Spring (4 Credits)

Instructor Permission Required

This tutorial explores the role and impact of science and technology on society, culture, and politics from the perspective of critical theory. Building on the foundations of Marxian philosophy and the works of 20th-century critical theorists such as Lukács, Benjamin, Heidegger, Marcuse, and Foucault, we will explore more recent contributions in the philosophy and post-phenomenology of technology as well as social constructivism and feminist theory. While largely designed as a theory course, this tutorial takes a closer look at artificial intelligence, automation and robotics, surveillance capitalism, data feminism, and digital culture to investigate how these new technologies shape our social reality. The tutorial ends with a module on Afrofuturism as a potentially emancipatory form of techno-utopianism. Questions we will address along the way include: how do science and technology transform and mediate human experience and knowledge of the world? radically affect our political and social order? shape concepts of human subjectivity and regulate human behavior? And what kinds of political, ethical, and aesthetic consequences do we need to consider as we adopt new technology? Rather than conceptualizing science and technology in Promethean terms as "tools" of progress, we will closely examine how they are intrinsically constitutive of the ways we experience ourselves and the world around us. The aim is to collaboratively articulate, over the course of the semester, an amplified social theoretic framework that enables

us to critically engage with the existential challenges and potential dangers of new technology and normatively evaluate scientific and technological innovations from the standpoint of human flourishing.

Course Note: This course will be lotteried and is open to non-concentrators if space permits.

FAS Divisional Distribution: Social Sciences

SOC-STD 98VT

Solidarity: Group, Self, Identity

No meeting time listed

Rosemarie Wagner

Course ID: 220477
2026 Spring (4 Credits)

Instructor Permission Required

People are fighting for themselves and they're fighting for one another, but how do you figure out whom to stand with, and when and how? People with different experiences, beliefs, and commitments, are struggling, fighting, and organizing to get free from oppression and empower themselves. This course examines how agency, solidarity, and coalition can be possible in our post-foundational world, and how we bridge the gap between social theory and social action. Can we theorize a self or a group identity without relying on an essentialist and perhaps harmful beliefs? We will learn from theoretical debates in feminist, queer, Black, democratic, radical, postcolonial, and disability studies on questions of agency, solidarity, and liberation, and will also analyze real-world case studies of coalitions. This course focuses on theoretical and historical methodology. This is a junior tutorial.

Course Note: This course will be lotteried and is open to non-concentrators if space permits.

FAS Divisional Distribution: Social Sciences

SOC-STD 98WA

Crime, Punishment, and Policing in an Unequal America

No meeting time listed

Adaner Usmani

Course ID: 222691
2026 Spring (4 Credits)

Instructor Permission Required

The United States imprisons more people per capita than any comparable society, past or present. It is alone among developed countries in annually killing hundreds of its citizens in police encounters. And it is also, by some distance, the most violent country in the developed world. These facts raise a range of difficult questions about what should be done about crime, incarceration and policing in today's United States. The aim of this course is to give students the tools to better understand the empirical and normative dimensions of these questions. Throughout, we will be using reasoning and methods from both the empirical social sciences and from analytic moral and political philosophy. Students will be pushed to develop the strongest possible arguments for positions they may not endorse, and to argue against the perspective of the instructor at every opportunity.

Course Note: This course will be lotteried and is open to non-concentrators if space permits.

FAS Divisional Distribution: Social Sciences

SOC-STD 98WB

Inequality Under Capitalism

R 0345 PM - 0545 PM

Adaner Usmani

Course ID: 222692
2025 Fall (4 Credits)

Instructor Permission Required

All capitalist societies are characterized by significant forms of inequality. Some people and some groups have more of the things that we think make for a good life, while other people and other groups have less. But inequality is not static; not all societies are equally unequal. Social and political movements have transformed the distribution of well-being in numerous ways. This class ponders the empirical and normative questions raised by these facts. First, what explains inequality? Why do some people have more than others? Second, what should be done about these facts? What kinds of inequalities do we care about? What does justice require? And, given that only some of what justice requires is feasible, what should we demand?

Course Note: This course will be lotteried and is open to non-concentrators if space permits.

FAS Divisional Distribution: Social Sciences

SOC-STD 98WD

The Politics of Health and Medicine in the United States

Course ID: 222714
2025 Fall (4 Credits)

Matt Reichert

How does politics shape our health? In this multidisciplinary class, students explore the historical origins of institutions like Medicare and Medicaid, the FDA, and the NIH. We seek to explain the politics of why American healthcare policy differs so dramatically from its peers, with narrowly targeted public programs and a dominant private insurance sector. Students learn how epidemiologists and clinicians today think about social determinants of health, especially racial disparities in care and outcomes. We conduct deep dives into topics like the sociology of mental illness, maternal mortality, the Affordable Care Act, Covid-19, and the medical ecosystem here in Boston. We consider normative questions, like how to balance cultural competency or patient autonomy with the medical mission to provide care and prevent harm. Finally, students also observe how public health researchers make use of social science methods, from the ethnographic case study to the clinical trial. This is a junior tutorial.

Course Note: This course will be lotteried and is open to non-concentrators if space permits.

FAS Divisional Distribution: Social Sciences

SOC-STD 98WH

Course ID: 222894

Climate Justice: The Politics of Decarbonization

2025 Fall (4 Credits)

M 0300 PM - 0500 PM

Instructor Permission Required

Jonathan Masin-Peters

Given the urgent need to shift societies away from carbon-based energy, how can such transitions occur so as not to reproduce existing injustices? Answering this question requires an interdisciplinary approach. Texts from historians and anthropologists will provide insight into how societies across time and space have made large-scale energy transitions. Political science scholarship will contribute knowledge about political transitions, which were widespread in the twentieth century, from socialist transitions in the early twentieth century to democratic transitions in the post-Cold War era. Texts by political theorists and philosophers will enable conceptual analysis of ideas like democracy, injustice, and nature. At the same time, work by sociologists will attune students to the forms of stratification and inequality energy transitions are likely to foster. Finally, literary and cultural criticism will provide insights into the interpersonal tensions, nuances, and lived experiences of people undergoing large-scale changes. Students will build their conceptual vocabulary, learn the strengths and limits of each disciplinary approach, and understand how to formulate compelling research questions and problems. This is a junior tutorial.

Course Note: This course will be lotteried and is open to non-concentrators if space permits.

FAS Divisional Distribution: Social Sciences

SOC-STD 98WM

Course ID: 225008

Infrastructure, Mediation, Sociality

2025 Fall (4 Credits)

M 0300 PM - 0500 PM

Instructor Permission Required

William Stafford

Infrastructures make their social significance felt in a variety of ways: through the technologies that mediate their use, the materials from which they are made, and their sensory and aesthetic presence in our everyday lives. How does database design impact how we buy and sell things? How is wood sourced and processed for the construction of housing stock? What might a bridge do besides facilitate a crossing? Each of these aspects of infrastructure can exert their influence at multiple scales and in multiple ways, often anchoring diverse landscapes of experience across populations, communities, and individuals. In this course, we will explore how the infrastructures that organize social life are formed, experienced, and interpreted as the "things and also the relations between things" (Larkin 2013) that give shape to gender, race, caste, colonialism, imperialism, commerce, environment, government, protest, and abolition. In turn, we will explore how the study of infrastructure offers a unique perspective for theorizing the "social" in social theory and how imaginations of what is "necessary" for social life mediate the demands we make on theory and our own research. Materials for the course will draw on a broad corpus of readings, films, television shows, games, and technical documents across the disciplines of anthropology, sociology, history, visual studies, media studies, and science and technology studies. Coursework will involve ethnographic experiments with the local built environment and digital artefacts, the production of individual research archives, and the completion of an empirically grounded research project. This is a junior tutorial.

Course Note: This course will be lotteried and is open to non-concentrators if space permits.

FAS Divisional Distribution: Social Sciences

SOC-STD 99A

Course ID: 121510

Tutorial - Senior Year

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Chris Rominger

Writing of senior honors essay.

Course Note: Required for concentrators.

FAS Divisional Distribution: Social Sciences

Full Year Course: Divisible Course

SOC-STD 99B

Course ID: 159863

Tutorial - Senior Year

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Chris Rominger

Writing of senior honors essay.

Course Note: Required for concentrators.

FAS Divisional Distribution: Social Sciences

Full Year Course: Divisible Course

Sociology

Sociology

SOCIOL 91R

Course ID: 113928

Supervised Reading and Research

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Emily Fairchild

Individual work in sociology under the supervision of teaching staff in the department. A graded supervised course of reading and research on a topic not covered by regular courses of instruction.

Course Note: Students negotiate topics on their own. A final paper must be filed in the Sociology undergraduate office.

FAS Divisional Distribution: Social Sciences

SOCIOL 91R

Course ID: 113928

Supervised Reading and Research

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Emily Fairchild

Individual work in sociology under the supervision of teaching staff in the department. A graded supervised course of reading and research on a topic not covered by regular courses of instruction.

Course Note: Students negotiate topics on their own. A final paper must be filed in the Sociology undergraduate office.

FAS Divisional Distribution: Social Sciences

SOCIOL 92R

Course ID: 160534

Faculty Research Assistant

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Emily Fairchild

Students gain research skills along with an understanding of the production of sociological knowledge through

work on faculty research projects. Work is arranged and directed by faculty members, who supervise and meet with students regularly (every 1-2 weeks). The specifics of the intellectual goals for the student and the research tasks involved will vary. The student and faculty member will consult on this in advance and will outline the following on the 92r Registration Form: 1) the specific skills to be learned, 2) how the course will engage students with the discipline, and 3) the specific work product. What students produce will depend on the kind of research involved. It is expected that students will work 8 to 10 hours per week on the course. Students may engage with data collection, data analysis, literature reviews, or other aspects of a faculty project.

Course Note: Members of the department.

FAS Divisional Distribution: Social Sciences

SOCIOL 92R

Faculty Research Assistant

No meeting time listed

Emily Fairchild

Course ID: 160534

2026 Spring (4 Credits)

Instructor Permission Required

Students gain research skills along with an understanding of the production of sociological knowledge through work on faculty research projects. Work is arranged and directed by faculty members, who supervise and meet with students regularly (every 1-2 weeks). The specifics of the intellectual goals for the student and the research tasks involved will vary. The student and faculty member will consult on this in advance and will outline the following on the 92r Registration Form: 1) the specific skills to be learned, 2) how the course will engage students with the discipline, and 3) the specific work product. What students produce will depend on the kind of research involved. It is expected that students will work 8 to 10 hours per week on the course. Students may engage with data collection, data analysis, literature reviews, or other aspects of a faculty project.

Course Note: Members of the department.

FAS Divisional Distribution: Social Sciences

SOCIOL 97

Tutorial in Sociological Theory

R 1245 PM - 0245 PM

Shai Dromi

Course ID: 115130

2025 Fall (4 Credits)

This course introduces students to the complicated, conflictual, and often contradictory theoretical origins of sociology as a discipline. We begin by reading the standard sociological "canon"—Marx, Weber, and Durkheim—and interrogating why their ideas were canonized over others. We then read scholars who have been historically "written out" of the social sciences to evaluate their important, yet historically underappreciated, contributions. By the end of the course, students should (1) master key concepts in classical sociological thought, (2) understand what it means to theorize, and what makes for good theory, and (3) learn to critically interrogate the relationship between power, standpoint, and the production of knowledge.

Course Note: Required of concentrators, ordinarily sophomores, and secondary concentrators.

Students should enroll in a timed section during registration. Students who enroll in the placeholder section (day and time TBA) will be contacted after registration ends for day/time preference. Students in the placeholder section are not guaranteed a space in the course.

FAS Divisional Distribution: Social Sciences

SOCIOL 97

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Course Note: Required of concentrators, ordinarily sophomores, and secondary concentrators.

SOCIOL 98BG

Junior Tutorial: Deviance and Social Control

R 0945 AM - 1145 AM

Course ID: 226539
2026 Spring (4 Credits)*Instructor Permission Required*

This course examines how institutions construct, enforce, and justify social control, shaping notions of deviance and conformity across historical and social contexts. From legal authorities to medical experts, we will explore how knowledge and power intersect to define who or what is considered "deviant" and how those labeled as such resist and reshape these boundaries. Topics include criminalization, surveillance, and the role of moral panics in reinforcing or challenging dominant narratives of social order. Students will choose a research question related to these issues and conduct their own empirical project using qualitative methods such as in-depth interviews, ethnographic observations, or textual/media analysis.

SOCIOL 98GE

Junior Tutorial: Sociology of Immigration: Latinx

T 1200 PM - 0200 PM

*Meylin Gonzales Huaman*Course ID: 226201
2025 Fall (4 Credits)*Instructor Permission Required*

This junior tutorial examines Latinx immigrant incorporation from a sociological perspective that approaches migration as a lifelong process starting from the context of origin (Latin America) and continuing in the context of reception (the US). To this end, we will explore questions that consider elements of the history of Latin America as part of what shapes the trajectories of Latinx in the US. What are the lasting impacts of Spanish colonization in Latin America that shape immigration into the US? What are the origins of the Hispanic/Latino category? How are Latinxs' immigrants experiencing this identity and what are its implications to their social and political incorporation in the US? We will focus on three areas: (1) the legacies of the former Spanish colonies in Latin America; (2) the parallels between the categories of Hispanic/Latino in the US and Mestizo in Latin America; and (3) the social and political incorporation of Latinx populations in the United States, with particular attention to how the process of immigrant incorporation relates to immigrants' premigration experiences. Students will have the opportunity to develop an original research project on a topic relevant to this course. The methodological focus will be qualitative in-depth interviews from an inductive research approach. Accordingly, from the third week of the course, students will conduct 2-3 exploratory interviews on a broad topic they are interested in, which will then inform the research question that will guide their research question and subsequent data collection.

This course is only for Sociology concentrators and secondaries.

FAS Divisional Distribution: Social Sciences

SOCIOL 98HB

Junior Tutorial: Online Communities

M 0945 AM - 1145 AM

*Sarah Halford*Course ID: 224589
2025 Fall (4 Credits)*Instructor Permission Required*

What is an online community? How are online communities similar to or different from offline communities? For what purposes do people form communities online, and how are group cultures constructed in online environments? In this junior tutorial, students will develop a research project that explores an online community of their choosing through digital ethnography. Students will also learn about innovations in ethnographic methods that account for the many ways in which digital technologies have become increasingly integrated into everyday social life.

This course is only for Sociology concentrators and secondaries.

FAS Divisional Distribution: Social Sciences

SOCIOL 98JD

Junior Tutorial: Stigma and Social Recognition

T 1245 PM - 0245 PM

*Isabel Jijon*Course ID: 226353
2026 Spring (4 Credits)*Instructor Permission Required*

This class examines how stigma — how having a "spoiled identity" (Goffman 1963) — shapes the way people

act, interact, and make sense of the world. We will ask questions like: how do individuals or groups become stigmatized? How do people experience, cope with, or resist this stigma? How is stigma tied to discrimination, or the unequal access to resources and opportunities? And how might we reduce or challenge stigma? How can we promote its opposite, social recognition? Together, we will unpack the concept of stigma by diving into case studies. We will discuss the stigmas associated with dirty work, polluted relationships, illness, disability, poverty, criminal records, and more. We will also analyze the ways stigma intersects with class, race, gender, and sexuality. Our approach will be both micro-sociological — looking at individuals and social interactions — as well as meso-sociological — studying organizations, institutions, cultural scripts, and power. During the semester, you will also conduct your own research on stigma and recognition. You will learn to use and apply qualitative methods, either ethnography, participant observation, in-depth interviews, textual analysis, or archival work. You will also receive individualized support as you prepare your final project. By the end of the course, you will have a clearer sense of the mechanisms by which stigma contributes to social inequalities.

SOCIOL 98OB

Course ID: 222479

Junior Tutorial: Politics and Culture

2025 Fall (4 Credits)

W 0945 AM - 1145 AM

Instructor Permission Required

Cat O'Donnell

This junior tutorial will explore the intersections of politics, culture, and society. Students will read classical scholarship and emerging research on social movements, collective identity, polarization, political narratives, and more. We will explore questions such as: Why do some political narratives spread faster and farther than others? How do group divisions between "us" and "them" develop? What role does social media play in the success of social movements? (How) has our political discourse become polarized? Students will develop an original research project on a relevant topic of interest. The methodological focus will be on text-as-data, with students learning how to find and acquire text data and analyze it through both qualitative and computational means. Examples of data that students may explore include social media posts, newspaper articles, political speeches, and television transcripts.

This course is only for Sociology concentrators and secondaries.

FAS Divisional Distribution: Social Sciences

SOCIOL 98WH

Course ID: 226203

Junior Tutorial: Community in Urban Context

2026 Spring (4 Credits)

T 0945 AM - 1145 AM

Instructor Permission Required

Joseph Wallerstein

The notion of 'community' has long been central to the sociological study of cities and life within them. This course will familiarize students with what sociologists have written about the contours of urban community: what defines it, how it forms and persists, the functions it serves, and when it backfires. Through a mix of foundational and contemporary texts, the course will consider a number of the substantive issues that have historically shaped—and threatened—urban community, from social control to gentrification and city planning. During the semester, students will receive training in the use of ethnographic methods to study urban life and will conduct original research to answer questions of their choice about urban community (or an urban community).

SOCIOL 99A

Course ID: 117946

Senior Tutorial

2025 Fall (4 Credits)

F 1245 PM - 0245 PM

Instructor Permission Required

Isabel Jijon

Supervision of theses or other honors projects. Part one of a two part series (A, B).

Course Note: Taught by members of the department.

Limited to concentrators, ordinarily seniors. Students of Sociology 99 are expected to participate in regularly scheduled seminars on a range of topics regarding the senior thesis and conducting research more generally. This course is required for Sociology students writing a thesis. You must have submitted an approved Statement of Intent for permission to enroll.

Requires: Prerequisite: Sociology 98 AND Sociology Concentrators.

FAS Divisional Distribution: Social Sciences

SOCIOL 99ACourse ID: 117946
2026 Spring (4 Credits)**Senior Tutorial***No meeting time listed**Instructor Permission Required**Isabel Jijon*

Supervision of theses or other honors projects. Part one of a two part series (A, B).

*Course Note: Taught by members of the department.**Limited to concentrators, ordinarily seniors. Students of Sociology 99 are expected to participate in regularly scheduled seminars on a range of topics regarding the senior thesis and conducting research more generally.*

Requires: Prerequisite: Sociology 98 AND Sociology Concentrators.

FAS Divisional Distribution: Social Sciences

SOCIOL 99BCourse ID: 159854
2025 Fall (4 Credits)**Senior Tutorial***No meeting time listed**Instructor Permission Required**Isabel Jijon*

Supervision of theses or other honors projects. Part two (B) of a two part series.

*Course Note: Taught by members of the department.**Limited to concentrators, ordinarily seniors. In addition, students of Sociology 99 may also participate in regularly scheduled weekly group seminar for consultation and discussion about choice of problems, possible data, and research procedures.*

Requires: Prerequisite: Sociology 98 AND Sociology Concentrators.

FAS Divisional Distribution: Social Sciences

SOCIOL 99BCourse ID: 159854
2026 Spring (4 Credits)**Senior Tutorial**

F 1245 PM - 0245 PM

*Instructor Permission Required**Isabel Jijon*

Supervision of theses or other honors projects. Part two (B) of a two part series.

*Course Note: Taught by members of the department.**Limited to concentrators, ordinarily seniors. In addition, students of Sociology 99 may also participate in regularly scheduled weekly group seminar for consultation and discussion about choice of problems, possible data, and research procedures.*

Requires: Prerequisite: Sociology 98 AND Sociology Concentrators.

FAS Divisional Distribution: Social Sciences

SOCIOL 1000Course ID: 220395
2026 Spring (4 Credits)**Introduction to Sociology**

TR 0130 PM - 0245 PM

Christina Ciocca Eller

What is society? What is the role of the individual in it? How can we change our societies? This course introduces students to the field of sociology. By surveying social theory as well as empirical studies, students acquire what C. Wright Mills calls the "sociological imagination": the ability to think beyond our personal lives and to connect the experiences of individuals with large social structures. We examine common-sense assumptions about culture, politics, history, and psychology, and empower students to replace them with evidence-based reasoning. This gateway course introduces students to the intellectual insights and analytical tools of Sociology across the subfields of race, class, gender, politics, violence, culture, and inequality. Students are trained to critically analyze the evidence and research methods used in sociological research, and to communicate sociological ideas powerfully and succinctly through effective policy writing. Whether you plan to become a doctor who understands the social determinants of health, an education expert seeking to improve US schools, a not-for-profit worker supporting community organization, or a corporate consultant looking to improve organizational efficiency, the foundational concepts and research practices of sociology will empower you to understand, analyze—and maybe even change—our social world.

SOCIOL 1000Course ID: 220395
2025 Fall (4 Credits)**Introduction to Sociology**

TR 1030 AM - 1145 AM

Danilo Mandic

What is society? What is the role of the individual in it? How can we change our societies? This course introduces students to the field of sociology. By surveying social theory as well as empirical studies, students acquire what C. Wright Mills calls the "sociological imagination": the ability to think beyond our personal lives and to connect the experiences of individuals with large social structures. We examine common-sense assumptions about culture, politics, history, and psychology, and empower students to replace them with evidence-based reasoning. This gateway course introduces students to the intellectual insights and analytical tools of Sociology across the subfields of race, class, gender, politics, violence, culture, and inequality. Students are trained to critically analyze the evidence and research methods used in sociological research, and to communicate sociological ideas powerfully and succinctly through effective policy writing. Whether you plan to become a doctor who understands the social determinants of health, an education expert seeking to improve US schools, a not-for-profit worker supporting community organization, or a corporate consultant looking to improve organizational efficiency, the foundational concepts and research practices of sociology will empower you to understand, analyze—and maybe even change—our social world.

Students should enrolled in a timed section during registration. Students who enroll in the placeholder section (day and time TBA) will be contacted after registration ends for day/time preference. Students in the placeholder section are not guaranteed a space in the course.

FAS Divisional Distribution: Social Sciences

SOCIOL 1023Course ID: 159779
2026 Spring (4 Credits)**Political Sociology**

MW 0900 AM - 1015 AM

Danilo Mandic

Politics is about power and authority. But the production, conservation and distribution of power and authority occur far beyond Capitol Hill: in families, neighborhoods, schools, foreign relations, welfare policies, social movements, nation-states and war. Why do people vote against their own interests? How do children rebel against their families? Why is growing up in a certain neighborhood associated with powerlessness? What kinds of governments are there, and could be? Why do civil wars start? In this course, we will examine such areas using the theoretical framework and analytic tools of political sociology. We will survey exemplar studies and consider different ways of conceptualizing power: from the micro level of the family to the macro level of geopolitics. Theoretical works are combined with practical applications and illustrations in specific national and historical contexts. Through quizzes and section discussions, students will acquire proficient knowledge of the central themes, methods and empirical concerns of political sociologists. They will also become aware of criticisms and debates within the broader social scientific field studying power.

FAS Divisional Distribution: Social Sciences

SOCIOL 1025Course ID: 113256
2026 Spring (4 Credits)**The Sociology of Organizations**

TR 1200 PM - 0115 PM

Frank Dobbin

This course examines the evolution of the modern organization, focusing on changing approaches to corporate strategy and to managing employees. We read both social scientific analyses and Harvard Business School cases to trace the history of management, from the harsh principles of the "drive system" to the latest theories of how "work teams" improve productivity and how focusing on a firm's "core competence" improves the bottom line. The course covers research examining the efficiency and the equity of current corporate practice

FAS Divisional Distribution: Social Sciences

SOCIOL 1101

Course ID: 222200
2025 Fall (4 Credits)

Inequality Then and Now: The History of Human Suffering

MW 0430 PM - 0545 PM

Adaner Usmani

Why do some live in mansions while others languish in prison? Why do some work fulfilling jobs from home, while others toil in someone else's factories or fields? Why do some eat cake while others nibble on roti? Why, in other words, do some people have a lot but others so little? This course uses the tools of the social sciences to examine the distribution of human well-being, or inequality. Together, we will survey this distribution across three broad eras of human history: the pre-agrarian era (until about 5-10,000 years ago), the agrarian era (ca. 5-10,000 years ago to 200 years ago), and, especially, the modern world (ca. 200 years ago to the present). Our primary goal will be to answer empirical questions—to describe and explain these distributions—but we will also consider the normative challenges that lie behind them. What kinds of inequalities should we care about? And, given what we know about inequality today, what should we demand that people and governments do about them? Topics covered will include: the nature of early human societies, the origins of agriculture, the rise of the state, the birth of capitalism, the causes of racial inequality and patriarchy, and the transformation of capitalism by social and political movements.

Students should enroll in a timed section during registration. Students who enroll in the placeholder section (day and time TBA) will be contacted after registration ends for day/time preference. Students in the placeholder section are not guaranteed a space in the course.

FAS Divisional Distribution: Social Sciences

SOCIOL 1111

Course ID: 220595
2026 Spring (4 Credits)

Sociology of Sport

TR 0900 AM - 1015 AM

Isabel Jijon

Why do people invest so much time, money, effort, and emotion into sports? How can sports both reproduce social beliefs and inequalities and, at the same time, transform them? This course examines sport as a social institution with the power to move economies, impact politics, shape group identity, socialize children, and open a space for discovery and self-expression. We will discuss topics like gender, race, nationalism, and disability in sports, as well as play, performance, aesthetics, embodiment, and cultural globalization.

FAS Divisional Distribution: Social Sciences

SOCIOL 1128

Course ID: 117560
2026 Spring (4 Credits)

Models of Social Science Research

MW 1200 PM - 0115 PM

Emily Fairchild

This course introduces students to core methodological concepts and strategies used in social science research. The course begins with considerations that apply across methods: the logic of project design, conceptualization, measurement, sampling, and research ethics. It then reviews common strategies for data collection: surveys, experiments, ethnography, in-depth interviewing, content analysis, and historical methods. Students will develop the analytical skills necessary to interrogate epistemological assumptions in published social science research and will practice obtaining data via observations, from asking people, and by analyzing text. Students should leave the course with the ability to design rigorous empirical research that answers questions about the social world.

Course Note: Required of Sociology concentrators and secondary concentrators. Normally taken sophomore year.

Formerly taught as Sociology 128

FAS Divisional Distribution: Social Sciences

SOCIOL 1141

Course ID: 116219
2026 Spring (4 Credits)

Contemporary Chinese Society

MW 1030 AM - 1145 AM

Ya-Wen Lei

This course will equip you with the basic literacy required to comprehend contemporary Chinese society, which

is an increasingly essential skill for informed citizens in our present global context. No prior knowledge or language proficiency is necessary to enroll in this class. We will delve into the profound transformations that have occurred during the post-1978 reform period, including China's shift to a market economy, the emergence of the digital economy, the implementation of population policy by the government, urbanization, rising inequality, and contentious politics. The course will analyze how these changes have influenced social relations and how they have been experienced and understood by individuals. From a sociological perspective, this course will address topics related to the state, development, market, population, migration, urbanization, inequality, gender, labor and work, civil society, the public sphere, and social movements. Although the course is listed in the sociology catalog, readings and topics covered in the course are situated at the intersection of sociology, political science, law, anthropology, and history.

FAS Divisional Distribution: Social Sciences

SOCIOL 1145

Course ID: 220596

Championing Change: Children's Rights, Youth Participation, and Social Movements

2025 Fall (4 Credits)

T 0945 AM - 1145 AM

Instructor Permission Required

Isabel Jijon

This course examines the origins, evolution, implementation, backlash, and transformation of the children's rights movement. We will discuss rights violations like child labor or child marriage, as well as positive rights, like the right to education and free expression. Students will learn about the complex social, political, economic, and cultural structures underpinning the fight for children's rights, as well as the ways children's rights have transformed these structures around the world. And we will consider how young people themselves take ownership of their rights. Looking at the cases of Greta Thunberg, Malala Yousafzai, and the children who defend child labor, we will discuss the opportunities and challenges of child and youth participation.

FAS Divisional Distribution: Social Sciences

SOCIOL 1146

Course ID: 159901

Sociology of Health and Medicine

2026 Spring (4 Credits)

MW 0130 PM - 0245 PM

David Showalter

This course introduces a sociological perspective on the topics of health and medicine. First, we discuss social determinants of health and the effects of intersecting inequalities on health disparities. Second, we investigate how knowledge about health and illness is influenced by social categories and social relations. Third, we explore how healthcare workers do their jobs and how their work is shaped by social context. Finally, we consider healthcare policies and politics, including how social movements address health and illness. This course is recommended for students considering careers in medicine and healthcare.

FAS Divisional Distribution: Social Sciences

SOCIOL 1148

Course ID: 207630

Race and Ethnicity in Global and Comparative Perspective

2026 Spring (4 Credits)

MW 0300 PM - 0415 PM

Ellis Monk

This course provides an introduction to the comparative study of "race and ethnicity" around the world. We focus here not on particular "ethnic" or "racial" groups, but rather, on particular cases which illustrate how "race" is used as a way in which to divide, sort, and rank human beings (i.e. a principle of social vision and division). In particular, we compare and contrast how different societies have constructed ethnoracial boundaries by focusing on several key forms of ethnoracial domination: categorization, discrimination, segregation, ghettoization, and exclusionary violence. Readings include sociological, historical, and anthropological studies of ethnoracial dynamics primarily in the U.S. and Brazil, but also South Africa, Asia, Western Europe, and Latin America.

FAS Divisional Distribution: Social Sciences

SOCIOL 1156

Statistics for Social Sciences

MW 1030 AM - 1145 AM

Loren Beard

This course introduces students to quantitative data analysis in the social sciences. It covers the basics of research design and the use of empirical evidence. Students will learn about descriptive and inferential statistics, including regression analysis. The course aims to equip students with the skills needed to analyze data and effectively communicate their findings in research reports.

Course Note: Formerly taught as Sociology 156; not intended for graduate students.

Students should enrolled in a timed section during registration. Students who enroll in the placeholder section (day and time TBA) will be contacted after registration ends for day/time preference. Students in the placeholder section are not guaranteed a space in the course.

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Social Sciences

SOCIOL 1170

Sociology of Childhood

TR 0300 PM - 0415 PM

Caitlin Daniel

What does it mean to be a child? What is it like to be a child? Drawing on the tools of sociology, we will see how children's lives and life chances are shaped by their social position, their social contexts, and the broad social structures in their society. Additionally, we will examine how the very notions of "childhood" and "adolescence" are socially constructed, varying across history and cultures rather than stemming from biology alone. We will consider why contemporary constructions of children are so contradictory—sometimes framing them as victims needing protection, and sometimes as deviants needing correction—and what these views say about broader societal anxieties. Next, we will examine several key influences on children's socialization, highlighting how class, gender and race shape children's experiences. Throughout, we will consider how children actively shape their own social worlds, and how their existence shapes society itself. We will close by examining several social issues related to children.

FAS Divisional Distribution: Social Sciences

SOCIOL 1176

Popular Culture and Social Theory: Critiquing Society through Television, Literature, and Comedy

MW 0600 PM - 0715 PM

Shai Dromi

Popular culture is one of the strongest tools we have for thinking through social phenomena outside of the conventions of academic writing. Television series such as *Black Mirror* can provoke our thinking on topics like alienation and racism; popular novels by authors like Stephen King can unpack issues like social isolation and role conflict; and stand-up comedy can deliver some of the fiercest critiques of economic and social inequality. In this course, we will use the insights that popular culture provides to gain proficiency in key current sociological theories. Each week, we will pair reading items from one contemporary theorist with one piece of popular culture, such as a movie, a sitcom, a short story, or a stand-up comedy routine. Course assignments will move from analyzing popular culture items to applying current sociological theory to real-world phenomena. Through these activities, students will familiarize themselves with theoretical frameworks such as field analysis, critical race theory, economic sociology, feminist sociology, and others.

FAS Divisional Distribution: Social Sciences

SOCIOL 1182

Law and Society

TR 1030 AM - 1145 AM

Ya-Wen Lei

Justice Oliver Wendell Holmes wrote: "The life of the law is not logic, but experience." While the law school curriculum focuses on legal doctrine, the application of law often deviates from what is written in legal texts. For

Course ID: 145331
2025 Fall (4 Credits)

Course ID: 218262
2026 Spring (4 Credits)

Course ID: 220159
2026 Spring (4 Credits)

Course ID: 203485
2025 Fall (4 Credits)

example, civil rights laws prohibit workplace discrimination, but such laws are not always effectively enforced. This disparity between law-on-the-books and law-in-action has prompted social-legal scholars to closely examine the latter. This course adopts a law-in-action approach to explore the intricate relationship between law and society. We will explore major theoretical perspectives and empirical studies that analyze the dynamics between law, legal institutions, and their social, political, economic, and cultural contexts. Topics covered include, but are not limited to: (1) concepts and theories of law and society; (2) the experiences of various actors in the legal system, particularly lawyers, judges, jurors, and litigants; (3) the dispute resolution process and its intersection with culture, social class, race, and gender; (4) the impact of law on social change; (5) law, surveillance, and technology. To foster a global perspective, the course will not be confined to the US context but will include examples from other societies as well. Students are encouraged to actively participate in class discussions and learn from one another to cultivate a deeper understanding of the subject matter.

Students should enroll in a timed section during registration. Students who enroll in the placeholder section (day and time TBA) will be contacted after registration ends for day/time preference. Students in the placeholder section are not guaranteed a space in the course.

FAS Divisional Distribution: Social Sciences

SOCIOL 1186

Refugees in Global Perspective

M 1200 PM - 0200 PM

Danilo Mandic

Course ID: 203272
2026 Spring (4 Credits)

Instructor Permission Required

What does it mean to lose your home? Who are refugees? Why are there so many of them? How are they displaced? Where do they go, and why? This course inquires into the nature, causes, and consequences of contemporary forced migration in our globalized world. Students survey regional dynamics in the Middle East, Africa, Asia, Europe, and the Americas. We examine the particularities of refugees compared to other migrants, and the changing nature of forced migration since the World Wars. Students explore historical precedents to contemporary forced migration, learn about different host society approaches to asylum, compare government and criminal mechanisms of forced migration, and examine why refugees are objects of suspicion and hostility around the world. Particular attention is paid to the connection between forced confinement and forced migration, the role of refugee camps and urban integration, and alternative strategies for global asylum management by bridge and destination countries.

FAS Divisional Distribution: Social Sciences

SOCIOL 1190

Culture, Inequality and Inclusion in the United States and Beyond

TR 1030 AM - 1145 AM

Michele Lamont

Course ID: 218291
2026 Spring (4 Credits)

In the United States and beyond, various groups are making irreconcilable claims for greater recognition on the left and on the right. Against this background, how can we fashion more inclusive societies in a neoliberal context of growing inequality? How can we understand claims for dignity by those experiencing different types of insecurity and/or stigmatization? These questions will be explored through topics such as: 1) the role of dignity in relation to individual and collective well-being; 2) how people find hope in narratives when the future is especially uncertain; 3) how Gen Zs are dealing with the decline of upward mobility by embracing specific narratives; 4) how people bolster their dignity through work, environmental justice and politics; 5) how class cultures are changing at the top and at the bottom of the social ladder; and 6) how social movements and other agents of change provide cultural alternatives in the increasingly hybrid public sphere. We will look at the United States through comparative lenses to improve our understanding of the social and political world as we experience it today. Empirical cases will concern immigrant groups, indigenous people, LGBTQ+ communities, and professionals and workers in different national contexts and economic sectors.

FAS Divisional Distribution: Social Sciences

SOCIOL 1197

Poverty in the United States

TR 0130 PM - 0245 PM

Joseph Wallerstein

Course ID: 220192
2025 Fall (4 Credits)

Nearly one in three residents of the United States lives close to the poverty line, and a growing number of people live in deep poverty, subsisting on less than \$2 per day. This course examines the social world of poverty in the

US today. It pays particular attention to the lived experiences of low-income people. It also examines the parallel sets of institutions low-income people must navigate—institutions that often perpetuate poverty, like low-wage jobs, systems of policing and surveillance, substandard schools and colleges, exploitative housing, and predatory financial services. The course places a heavy emphasis on firsthand experience and learning. We will have guest lectures from people whose work or life experiences relate to the course subject matter. Students will also complete several fieldwork assignments, doing things like observing eviction court, applying for food stamps, or interviewing someone making ends meet at a low-wage job.

Students should enrolled in a timed section during registration. Students who enroll in the placeholder section (day and time TBA) will be contacted after registration ends for day/time preference. Students in the placeholder section are not guaranteed a space in the course.

FAS Divisional Distribution: Social Sciences

SOCIOL 1203

Conspiracy Culture

MW 0130 PM - 0245 PM

Sarah Halford

In this class, we will explore conspiracy theories as sociocultural phenomena. Through the lens of the sociology of culture, we will examine how people create and disseminate conspiracy theories, as well as how people have used them as tools for analyzing power dynamics, creating distinctions between groups and ideas, and for making sense of some of the inexplicable and confusing realities of social life. Students will also learn about a few verified conspiracies and their consequences for institutional trust, critically examine the stigma that surrounds the "conspiracy theorist" label, and analyze conspiracy theories in popular culture. Tin foil hats not provided.

Students should enrolled in a timed section during registration. Students who enroll in the placeholder section (day and time TBA) will be contacted after registration ends for day/time preference. Students in the placeholder section are not guaranteed a space in the course.

FAS Divisional Distribution: Social Sciences

SOCIOL 1204

Propaganda and Persuasion

M 0300 PM - 0500 PM

Sarah Halford

Course ID: 224597
2026 Spring (4 Credits)

Instructor Permission Required

Propaganda is a persuasive tool that has been used for centuries, but the continued development of communication technologies has exposed us to more of it than ever before. Propaganda is disseminated through forms of mass and social media, and it is used in political campaigns, during wartime, in advertising, art, film, music, journalism, and even in education. However, just because propagandists attempt to persuade you doesn't mean that it will work every time. A variety of factors, particularly other people in our social networks, can prime us for manipulation, but they can also protect us from being manipulated. The intimate connections we maintain with others and the kind of circles we run in may even predict which types of propaganda we will believe and why. In this class, we will take a sociological perspective to the study of propaganda and persuasion in media. This means that we will analyze uses of propaganda in the context of social conditions rather than focus on purely psychological factors that may lead to persuasion (though we'll look at those, too). You will learn about what propaganda is and its connection to communication technologies, techniques that propagandists have used to persuade the public, and you will even dabble in the dark arts of propaganda creation. While this class includes some important theoretical elements, we will ground the theoretical in the practical by analyzing real propaganda campaigns from the 20th and 21st centuries.

FAS Divisional Distribution: Social Sciences

SOCIOL 1205

Crisis of Care

W 0300 PM - 0500 PM

Course ID: 226536
2026 Spring (4 Credits)

Instructor Permission Required

This course explores the multifaceted "crisis of care" in contemporary society, focusing on how caregiving, whether for children, the elderly, loved ones, and more, has become increasingly privatized, undervalued, and unequally distributed across gender, race, and class lines. We will examine how neoliberal economic policies have shifted the responsibility of care from state and community institutions to individuals and families, often intensifying burdens on women and marginalized communities. In addition to using a sociological lens to analyze

how care labor is shaped by capitalism, power dynamics, and public policies, we will also explore alternative care models and movements advocating for change.

SOCIOL 1218

Food Choice, Health, and Inequality

T 0300 PM - 0500 PM

Caitlin Daniel

Course ID: 221984
2025 Fall (4 Credits)

Instructor Permission Required

Food and diet-related health have become a pressing topic in research, policy and public discourse. This concern stems in part from the fact that disadvantaged groups tend to have poorer diets than their more advantaged peers. In order to understand socioeconomic and racial disparities in diet quality, we will examine how people's food choice is related to their material resources, to their social circumstances, and to the meaning that they attach to—and derive from—food. Additionally, we will consider how the public imagines that disadvantaged people eat and how these ideas themselves relate to social inequalities. In addressing these issues, we will consider several core questions: 1) How do patterns of food consumption reflect existing inequalities?, 2) How do patterns of food consumption contribute to social inequalities?, 3) How do cultural constructions of what people eat compound these inequalities?, and 4) How might we reduce food-related inequalities? While these questions focus on food, they will help us to think about structure, culture, agency, identity, and stigma more generally.

Course Note: Course taught by Dr. Caitlin Daniel

FAS Divisional Distribution: Social Sciences

SOCIOL 1228

The Bureaucratic Machine: A User's Guide to Modern Society

MW 0900 AM - 1015 AM

Rakesh Khurana

Course ID: 226283
2025 Fall (4 Credits)

"We are all born originals - why is it so many of us die copies?" - Edward Young
Instructor: Rakesh Khurana
Department: Organizational Behavior (HBS), Department of Sociology (FAS)
This course addresses how bureaucratic organizations have come to dominate modern society and what this means for the individual. We first explore why bureaucracy proliferated since the late 19th century. Next, we look at the inner workings of bureaucratic organizations. Then, we look at what the proliferation of bureaucracy means for us as a society, especially young people, who are products and participants in these systems. Young people today navigate a world shaped by organizations, where institutional dependencies have replaced traditional sources of identity and support. Some of the most desired jobs college graduates chase are in large, complex organizations. This course invites us to examine the trade-offs between efficiency, control, and certainty versus creativity, ambiguity, and individuality in a society built on bureaucratic structures, values, and norms.

Students should enroll in a timed section during registration. Students who enroll in the placeholder section (day and time TBA) will be contacted after registration ends for day/time preference. Students in the placeholder section are not guaranteed a space in the course.

FAS Divisional Distribution: Social Sciences

SOCIOL 1263

Community Organizing and Action

T 1200 PM - 0245 PM

Flavia Perea

Course ID: 224404
2025 Fall (4 Credits)

Instructor Permission Required

This course will explore the theory, processes, and strategies of community organizing and collective action, as well as pivotal moments and movements in organizing in the United States in the twenty-first century. Resistance, the role of protests and social movements will be discussed, but our focus will be learning how to work with others to harness human agency, coalesce around shared values, build consensus and community power in service of freedom and justice in society. Power and the structures of inequality are central themes. To learn how and why organizing works, we will explore the literature across the social sciences and discuss recent history to examine alliances, coalitions, grassroots movements, and direct action over the last 20 years. This will draw on successful, failed, and muted organizing efforts across the cultural and socio-political spectrum, including the controversial, to learn how to build momentum, nurture community agency and self-determination. A central characteristic of this course is applying theory and learning from the past and present to inform organizing and community action efforts to impact the future. Students will connect the course to relevant efforts currently underway. Students will have the option to connect their work in the course to the causes they

are interested in, student groups, external organizations or efforts they are involved with, or to an active grassroots community organizing effort in metro Boston focused on felony disenfranchisement. The course will use materials from various sources and perspectives, lecture, discussion, activities and class guests, and will culminate in a teach-in. All views are welcome in this course.

Students should enroll in the timed section. Students who enroll in the placeholder section (time and day TBD) will be contacted after registration ends for section day/time preference. Enrolling in the placeholder section does not guarantee a space in the course.

FAS Divisional Distribution: Social Sciences

SOCIOL 1284

People and the Planet: How Societies Cause, Mitigate, and Adapt to Climate Change

TR 1030 AM - 1145 AM

Jason Beckfield

Course ID: 226402
2026 Spring (4 Credits)

People and the Planet is a one-semester course with lecture, discussion, and engagement components primarily for second- and third-year Harvard College students seeking to understand the social side of climate change. Understanding the social side of climate change means shifting our attention from particles to people. We address such questions as: What is it about modern social life that has caused climate change? Why have societies responded so slowly to the climate crisis? What do social movements for environmental justice and climate justice contribute to climate mitigation and adaptation? How can people use social processes and organizations to adapt to life on a changing planet? Along the way, we explore new research on surprising aspects of how humans as social animals relate to our environment. For instance: the place identity of wind turbines, the racial identity of electric vehicles, the gender of energy transitions, and the morality of climate projections. The overarching goal of the course, then, is to unveil the social causes and effects that are often hidden behind the geophysical models, climatological projections, and economic forecasts of conventional climate science. Specific goals include contributing to local community efforts to respond to climate change, understanding how climate science relates to climate politics, and evaluating quantitative and qualitative approaches to climate sociology.

Students should enroll in the placeholder section (time and day TBA). Students will be contacted at the end of registration for sectioning preferences.

SOCIOL 1297

Housing and Homelessness

M 1200 PM - 0200 PM

Joseph Wallerstein

Course ID: 224436
2025 Fall (4 Credits)

Instructor Permission Required

This course centers the sociological study of housing and homelessness, largely in the American context. The course is guided by three questions: (1) What is sociological about housing, and why should the study of housing be central to the discipline of sociology? (2) What have sociologists written about the long-term and day-to-day experiences of housing insecurity and homelessness? (3) How does housing inequality intersect with other dimensions of inequality? Through a combination of historical and contemporary readings, students will gain an understanding of the factors contributing to housing challenges, including a shrinking supply of affordable housing, inadequate wages and employment, discriminatory housing practices, and urban development. Students will also learn about how supply-side actors—such as landlords, real estate brokers, and building code inspectors—reproduce or exacerbate housing inequality; and why policy responses—like housing choice vouchers, emergency shelters, and supportive housing programs—do or do not seem to help.

FAS Divisional Distribution: Social Sciences

SOCIOL 1356

Beyond Correlation: The Science of Cause and Effect in Society

M 0945 AM - 1145 AM

Xiang Zhou

Course ID: 226284
2026 Spring (4 Credits)

Instructor Permission Required

It is often said that correlation does not imply causation, yet understanding causality lies at the heart of most social science inquiries. This course equips students with a set of mathematical and conceptual tools to rigorously address causal questions using both experimental and observational data. Through applications drawn from social, economic, and political sciences, we explore two key frameworks for causal inference: the graphical approach and the potential outcomes approach. The course also delves into a variety of research

designs, including randomized experiments, regression adjustment, instrumental variables, and causal mediation analysis.

SOCIOL 2175

Sociology of Immigration

M 0345 PM - 0545 PM

Mary Waters

Course ID: 207599
2025 Fall (4 Credits)

Instructor Permission Required

This course examines theories and empirical research on international migration. We concentrate on recent research in sociology, but we also include readings from across the social sciences. We examine immigration policy, and the integration of immigrants and later generations, paying particular attention to legal status and race and ethnicity. Limited to graduate students in sociology and related social sciences.

FAS Divisional Distribution: Social Sciences

SOCIOL 2202

Intermediate Quantitative Research Methods

TR 0945 AM - 1145 AM

Samuel Donahue

Course ID: 119985
2025 Fall (4 Credits)

Instructor Permission Required

This course covers the fundamentals of descriptive and inferential techniques used in quantitative sociological research. Topics include (a) an introduction to probability, random variables, and statistical inference, (b) the linear regression model for continuous response variables, with a focus on assumptions and interpretation, and (c) the logit/probit model for binary response variables. Motivation, application, and presentation are stressed. The aim of this course is to develop the skills necessary to be both a consumer and a producer of quantitative sociological research.

This course is for PhD students in the Sociology department. Petitions from undergraduate students and PhD students in other departments will only be approved at the discretion of the instructor if space is available. Students will be contacted after registration ends for section day/time preference.

This course is required of and limited to first-year students in Sociology or in the joint Ph.D. programs between Sociology and other departments

FAS Divisional Distribution: None

SOCIOL 2203

Advanced Quantitative Research Methods

TR 0945 AM - 1145 AM

Xiang Zhou

Course ID: 112874
2026 Spring (4 Credits)

Instructor Permission Required

This course covers advanced descriptive and inferential techniques used in quantitative sociological research. Topics include statistical models for binary, count, ordinal, and multinomial data; bootstrapping methods; imputation methods; and causal inference with experimental and observational data. Motivation, application, and presentation are stressed. The aim of this course is to develop the skills necessary to be both a consumer and a producer of quantitative sociological research.

Course Note: This course is required of and limited to second-year graduate students in Sociology or in the joint Ph.D. programs between Sociology and other departments

This course is for PhD students in the Sociology department. Petitions from undergraduate students and PhD students in other departments will only be approved at the discretion of the instructor if space is available.

Sociology 2202 or basic course in regression analysis.

FAS Divisional Distribution: None

SOCIOL 2204 (SEM)

Classical Social Theory

W 1245 PM - 0245 PM

Frank Dobbin

Course ID: 117877
2026 Spring (4 Credits)

Instructor Permission Required

Introduction to the formative ideas and socio-intellectual contexts of 19th and early 20th century sociological
HARVARD UNIVERSITY 1678 of 1792

theory. Course will explore social thought from the perspective provided by the problem of social order - and the roles different thinkers attributed to such factors as solidarity, power, and meaning as solutions to this problem. Consideration of the continuing significance of these ideas for contemporary social thought.

Course Note: This course is required of and limited to first-year students in Sociology or in the joint Ph.D. programs between Sociology and other departments

FAS Divisional Distribution: None

SOCIOL 2208

Contemporary Theory and Research

R 0300 PM - 0500 PM

Ellis Monk

Course ID: 117760
2026 Spring (4 Credits)

Instructor Permission Required

Covers the development of sociology as a discipline in the US and the rise of distinct schools of sociological theory. Assesses the role of mechanisms in sociological theory and explores the use of theory in empirical research.

Course Note: This course is required of and limited to second-year students in Sociology or in the joint Ph.D. programs between Sociology and other departments.

FAS Divisional Distribution: None

SOCIOL 2209

Qualitative Social Analysis: Seminar

W 0945 AM - 1145 AM

Michele Lamont

Course ID: 110551
2025 Fall (4 Credits)

Instructor Permission Required

This course covers basic techniques for collecting, interpreting, analyzing, and reporting interview and observational data. Focused on both theory and practice, the course aims to expose students to many different kinds of qualitative research to provide students a vehicle to produce a compelling paper based on qualitative data.

*Course Note: This course is required of and limited to first-year students in Sociology or in the joint Ph.D. programs between Sociology and other departments.
Students will be contacted after registration ends for section day/time preference.*

FAS Divisional Distribution: None

SOCIOL 2272

Computational Sociology

T 1245 PM - 0245 PM

Joscha Legewie

Course ID: 207693
2026 Spring (4 Credits)

Instructor Permission Required

This course provides an applied introduction to computational methods and data science for sociologists. The first part of the course focuses on programming skills for social scientists. The second part focuses on machine learning and applied causal analysis with concrete exercises that force students to apply the programming skills they learned in the first part of the semester. The course will combine short lectures, with class discussions, hand-on experiences and students own empirical projects.

This course is for PhD students in the Sociology department. Petitions from undergraduate students and PhD students in other departments will only be approved at the discretion of the instructor if space is available.

FAS Divisional Distribution: Social Sciences

SOCIOL 2327

Ethnographic Research Methods

F 0300 PM - 0500 PM

David Showalter

Course ID: 222476
2026 Spring (4 Credits)

Instructor Permission Required

Ethnographers use direct observation and participation to study social life. This course guides students through the process of planning, carrying out, and writing up a research project using ethnographic methods. Topics include research questions and research design; research ethics; challenges during fieldwork; techniques for collecting and analyzing data; connections between theory and evidence; and approaches to writing and

publishing. Students must conduct observations during the semester to produce a final paper, and are strongly encouraged to consider potential research questions and sites before the course begins.

FAS Divisional Distribution: Social Sciences

SOCIOL 3301	Course ID: 113583
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Jason Beckfield</i>	

SOCIOL 3301 (002)	Course ID: 113583
Special Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Lawrence Bobo</i>	

SOCIOL 3301 (002)	Course ID: 113583
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Lawrence Bobo</i>	

SOCIOL 3301 (004)	Course ID: 113583
Special Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Mary Brinton</i>	

SOCIOL 3301 (004)	Course ID: 113583
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Mary Brinton</i>	

SOCIOL 3301 (005)	Course ID: 113583
Special Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Paul Chang</i>	

SOCIOL 3301 (005)	Course ID: 113583
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Paul Chang</i>	

SOCIOL 3301 (006)	Course ID: 113583
Special Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Frank Dobbin</i>	

SOCIOL 3301 (006)	Course ID: 113583
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Frank Dobbin</i>	

SOCIOL 3301 (007)
Special Reading and Research
No meeting time listed
Jason Beckfield

Course ID: 113583
2025 Fall (4 Credits)
Instructor Permission Required

SOCIOL 3301 (007)
Special Reading and Research
No meeting time listed
Michele Lamont

Course ID: 113583
2026 Spring (4 Credits)
Instructor Permission Required

SOCIOL 3301 (008)
Special Reading and Research
No meeting time listed
Michele Lamont

Course ID: 113583
2025 Fall (4 Credits)
Instructor Permission Required

SOCIOL 3301 (008)
Special Reading and Research
No meeting time listed
Ya-Wen Lei

Course ID: 113583
2026 Spring (4 Credits)
Instructor Permission Required

SOCIOL 3301 (009)
Special Reading and Research
No meeting time listed
Ya-Wen Lei

Course ID: 113583
2025 Fall (4 Credits)
Instructor Permission Required

SOCIOL 3301 (009)
Special Reading and Research
No meeting time listed
Peter Marsden

Course ID: 113583
2026 Spring (4 Credits)
Instructor Permission Required

SOCIOL 3301 (010)
Special Reading and Research
No meeting time listed
Peter Marsden

Course ID: 113583
2025 Fall (4 Credits)
Instructor Permission Required

SOCIOL 3301 (011)
Special Reading and Research
No meeting time listed
Orlando Patterson

Course ID: 113583
2026 Spring (4 Credits)
Instructor Permission Required

SOCIOL 3301 (012)
Special Reading and Research
No meeting time listed
Orlando Patterson

Course ID: 113583
2025 Fall (4 Credits)
Instructor Permission Required

SOCIOL 3301 (012)
Special Reading and Research

Course ID: 113583
2026 Spring (4 Credits)

No meeting time listed
Robert Sampson

Instructor Permission Required

SOCIOL 3301 (013)
Special Reading and Research
No meeting time listed
Robert Sampson

Course ID: 113583
2025 Fall (4 Credits)
Instructor Permission Required

SOCIOL 3301 (013)
Special Reading and Research
No meeting time listed
Theda Skocpol

Course ID: 113583
2026 Spring (4 Credits)
Instructor Permission Required

SOCIOL 3301 (014)
Special Reading and Research
No meeting time listed
Theda Skocpol

Course ID: 113583
2025 Fall (4 Credits)
Instructor Permission Required

SOCIOL 3301 (015)
Special Reading and Research
No meeting time listed
Jocelyn Viterna

Course ID: 113583
2026 Spring (4 Credits)
Instructor Permission Required

SOCIOL 3301 (016)
Special Reading and Research
No meeting time listed
Jocelyn Viterna

Course ID: 113583
2025 Fall (4 Credits)
Instructor Permission Required

SOCIOL 3301 (016)
Special Reading and Research
No meeting time listed
Mary Waters

Course ID: 113583
2026 Spring (4 Credits)
Instructor Permission Required

SOCIOL 3301 (017)
Special Reading and Research
No meeting time listed
Mary Waters

Course ID: 113583
2025 Fall (4 Credits)
Instructor Permission Required

SOCIOL 3301 (017)
Special Reading and Research
No meeting time listed
Alexandra Killewald

Course ID: 113583
2026 Spring (4 Credits)
Instructor Permission Required

SOCIOL 3301 (019)
Special Reading and Research
No meeting time listed
Christopher Winship

Course ID: 113583
2025 Fall (4 Credits)
Instructor Permission Required

SOCIOL 3301 (019)
Special Reading and Research

No meeting time listed
Christopher Winship

Course ID: 113583
2026 Spring (4 Credits)

Instructor Permission Required

SOCIOL 3301 (020)
Special Reading and Research

No meeting time listed
Joscha Legewie

Course ID: 113583
2025 Fall (4 Credits)

Instructor Permission Required

SOCIOL 3301 (020)
Special Reading and Research

No meeting time listed
Joscha Legewie

Course ID: 113583
2026 Spring (4 Credits)

Instructor Permission Required

SOCIOL 3301 (021)
Special Reading and Research

No meeting time listed
Ellis Monk

Course ID: 113583
2025 Fall (4 Credits)

Instructor Permission Required

SOCIOL 3301 (021)
Special Reading and Research

No meeting time listed
Ellis Monk

Course ID: 113583
2026 Spring (4 Credits)

Instructor Permission Required

SOCIOL 3301 (022)
Special Reading and Research

No meeting time listed
Adaner Usmani

Course ID: 113583
2025 Fall (4 Credits)

Instructor Permission Required

SOCIOL 3301 (023)
Special Reading and Research

No meeting time listed
Christina Ciocca Eller

Course ID: 113583
2025 Fall (4 Credits)

Instructor Permission Required

SOCIOL 3301 (024)
Special Reading and Research

No meeting time listed
Xiang Zhou

Course ID: 113583
2025 Fall (4 Credits)

Instructor Permission Required

SOCIOL 3301 (025)
Special Reading and Research

No meeting time listed
David Pedulla

Course ID: 113583
2025 Fall (4 Credits)

Instructor Permission Required

SOCIOL 3301 (026)
Special Reading and Research

No meeting time listed
Daniel Schneider

Course ID: 113583
2025 Fall (4 Credits)

Instructor Permission Required

SOCIOL 3301 (027)	Course ID: 113583
Special Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Christopher Muller</i>	

SOCIOL 3301 (027)	Course ID: 113583
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Christopher Muller</i>	

SOCIOL 3301 (22)	Course ID: 113583
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Adaner Usmani</i>	

SOCIOL 3301 (23)	Course ID: 113583
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Christina Ciocca Eller</i>	

SOCIOL 3301 (24)	Course ID: 113583
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Xiang Zhou</i>	

SOCIOL 3301 (25)	Course ID: 113583
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>David Pedulla</i>	

SOCIOL 3301 (26)	Course ID: 113583
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Daniel Schneider</i>	

SOCIOL 3302	Course ID: 114925
Direction of Doctoral Dissertations	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Jason Beckfield</i>	

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302	Course ID: 114925
Direction of Doctoral Dissertations	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Jason Beckfield</i>	

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (002)

Direction of Doctoral Dissertations

No meeting time listed

Lawrence Bobo

Course ID: 114925
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (002)

Direction of Doctoral Dissertations

No meeting time listed

Lawrence Bobo

Course ID: 114925
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (004)

Direction of Doctoral Dissertations

No meeting time listed

Mary Brinton

Course ID: 114925
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (004)

Direction of Doctoral Dissertations

No meeting time listed

Mary Brinton

Course ID: 114925
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (005)

Direction of Doctoral Dissertations

No meeting time listed

Paul Chang

Course ID: 114925
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (005)

Direction of Doctoral Dissertations

No meeting time listed

Paul Chang

Course ID: 114925

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (006)

Direction of Doctoral Dissertations

No meeting time listed

Frank Dobbin

Course ID: 114925

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (006)

Direction of Doctoral Dissertations

No meeting time listed

Frank Dobbin

Course ID: 114925

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (007)

Direction of Doctoral Dissertations

No meeting time listed

Frank Dobbin

Course ID: 114925

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (007)

Direction of Doctoral Dissertations

No meeting time listed

Alexandra Killewald

Course ID: 114925

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (008)

Direction of Doctoral Dissertations

No meeting time listed

Michele Lamont

Course ID: 114925

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (008)

Direction of Doctoral Dissertations

No meeting time listed

Michele Lamont

Course ID: 114925

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (009)

Direction of Doctoral Dissertations

No meeting time listed

Ya-Wen Lei

Course ID: 114925

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (009)

Direction of Doctoral Dissertations

No meeting time listed

Ya-Wen Lei

Course ID: 114925

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (010)

Direction of Doctoral Dissertations

No meeting time listed

Peter Marsden

Course ID: 114925

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (010)

Direction of Doctoral Dissertations

No meeting time listed

Peter Marsden

Course ID: 114925

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (012)

Direction of Doctoral Dissertations

No meeting time listed

Orlando Patterson

Course ID: 114925

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (012)

Direction of Doctoral Dissertations

No meeting time listed

Orlando Patterson

Course ID: 114925
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (013)

Direction of Doctoral Dissertations

No meeting time listed

Robert Sampson

Course ID: 114925
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (013)

Direction of Doctoral Dissertations

No meeting time listed

Robert Sampson

Course ID: 114925
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (014)

Direction of Doctoral Dissertations

No meeting time listed

Theda Skocpol

Course ID: 114925
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (014)

Direction of Doctoral Dissertations

No meeting time listed

Theda Skocpol

Course ID: 114925
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (016)

Direction of Doctoral Dissertations

No meeting time listed

Jocelyn Viterna

Course ID: 114925

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (016)

Direction of Doctoral Dissertations

No meeting time listed

Jocelyn Viterna

Course ID: 114925

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (017)

Direction of Doctoral Dissertations

No meeting time listed

Mary Waters

Course ID: 114925

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (017)

Direction of Doctoral Dissertations

No meeting time listed

Mary Waters

Course ID: 114925

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (019)

Direction of Doctoral Dissertations

No meeting time listed

Christopher Winship

Course ID: 114925

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (019)

Direction of Doctoral Dissertations

No meeting time listed

Christopher Winship

Course ID: 114925

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (020)

Direction of Doctoral Dissertations

No meeting time listed

Joscha Legewie

Course ID: 114925

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (020)

Direction of Doctoral Dissertations

No meeting time listed

Joscha Legewie

Course ID: 114925

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (021)

Direction of Doctoral Dissertations

No meeting time listed

Ellis Monk

Course ID: 114925

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (021)

Direction of Doctoral Dissertations

No meeting time listed

Ellis Monk

Course ID: 114925

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (022)

Direction of Doctoral Dissertations

No meeting time listed

Adaner Usmani

Course ID: 114925

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (023)

Direction of Doctoral Dissertations

No meeting time listed

Christina Ciocca Eller

Course ID: 114925

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (024)

Direction of Doctoral Dissertations

No meeting time listed

Xiang Zhou

Course ID: 114925
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (025)

Direction of Doctoral Dissertations

No meeting time listed

David Pedulla

Course ID: 114925
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (026)

Direction of Doctoral Dissertations

No meeting time listed

Daniel Schneider

Course ID: 114925
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (027)

Direction of Doctoral Dissertations

No meeting time listed

Deirdre Bloome

Course ID: 114925
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (027)

Direction of Doctoral Dissertations

No meeting time listed

Deirdre Bloome

Course ID: 114925
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (028)

Direction of Doctoral Dissertations

No meeting time listed

David Showalter

Course ID: 114925

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (028)

Direction of Doctoral Dissertations

No meeting time listed

David Showalter

Course ID: 114925

2025 Spring (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (029)

Direction of Doctoral Dissertations

No meeting time listed

Christopher Muller

Course ID: 114925

2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (029)

Direction of Doctoral Dissertations

No meeting time listed

Christopher Muller

Course ID: 114925

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (22)

Direction of Doctoral Dissertations

No meeting time listed

Adaner Usmani

Course ID: 114925

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (23)

Direction of Doctoral Dissertations

No meeting time listed

Christina Ciocca Eller

Course ID: 114925

2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (24)

Direction of Doctoral Dissertations

No meeting time listed

Xiang Zhou

Course ID: 114925
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (25)

Direction of Doctoral Dissertations

No meeting time listed

David Pedulla

Course ID: 114925
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3302 (26)

Direction of Doctoral Dissertations

No meeting time listed

Daniel Schneider

Course ID: 114925
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Taught by members of the department.

FAS Divisional Distribution: None

SOCIOL 3303

Advanced Topics in Quantitative Research

W 1200 PM - 0200 PM

Xiang Zhou

Course ID: 114991
2025 Fall (4 Credits)

Instructor Permission Required

Examines current methodological scholarship in the social sciences with an eye to assessing its quality and potential for advancing quantitative methods. Recently published and unpublished work by local scholars examined.

Course Note: Previously offered as 303a.

FAS Divisional Distribution: None

SOCIOL 3303

Advanced Topics in Quantitative Research

W 1200 PM - 0200 PM

Xiang Zhou

Course ID: 114991
2026 Spring (4 Credits)

Instructor Permission Required

Examines current methodological scholarship in the social sciences with an eye to assessing its quality and potential for advancing quantitative methods. Recently published and unpublished work by local scholars examined.

Course Note: Previously offered as 303a.

FAS Divisional Distribution: None

SOCIOL 3304

Culture and Social Analysis Workshop

T 1200 PM - 0200 PM

Michele Lamont

Course ID: 120084

2025 Fall (4 Credits)

Instructor Permission Required

A venue for those working on topics such as meaning-making, identity, collective memory, symbolic boundaries, cultural capital, class cultures, popular culture, media, disciplinary cultures, and the impact of culture on inequality.

FAS Divisional Distribution: None

SOCIOL 3304

Culture and Social Analysis Workshop

T 1200 PM - 0200 PM

Michele Lamont

Course ID: 120084

2026 Spring (4 Credits)

Instructor Permission Required

A venue for those working on topics such as meaning-making, identity, collective memory, symbolic boundaries, cultural capital, class cultures, popular culture, media, disciplinary cultures, and the impact of culture on inequality.

FAS Divisional Distribution: None

SOCIOL 3305

Teaching Practicum

F 0900 AM - 1100 AM

Emily Fairchild

Course ID: 111781

2025 Fall (4 Credits)

Instructor Permission Required

This course is intended to enhance the teaching skills of graduate students in the Sociology Department. Through a combination of classroom discussions and teaching simulations, the seminar challenges students to discover and hone their teaching styles, to develop a personal philosophy about teaching and learning, to develop self-confidence leading and facilitating small and large group discussions, to learn about the teaching resources that are available to them throughout the university, to experiment with designing engaging courses of study, and to discover that teaching can be a rewarding and stimulating element of an academic career.

Course Note: Required of and limited to graduate students in Sociology. Attendance at first meeting is required. Not repeatable for credit.

FAS Divisional Distribution: None

SOCIOL 3307

Proseminar on Inequality and Social Policy III

M 0130 PM - 0330 PM

Deirdre Bloome

Course ID: 112355

2025 Fall (4 Credits)

Instructor Permission Required

SOCIOL 3308

Workshop on Economic Sociology

W 0300 PM - 0545 PM

Frank Dobbin

Course ID: 121013

2025 Fall (4 Credits)

Instructor Permission Required

Presentations and discussions of new research by members of the community and visiting scholars. Students are exposed to the major paradigms in the field, and see how research articles are developed and refined.

Course Note: This course meets weekly at either Harvard or MIT.

FAS Divisional Distribution: None

SOCIOL 3308

Workshop on Economic Sociology

Course ID: 121013

2026 Spring (4 Credits)

W 0300 PM - 0545 PM

Instructor Permission Required

Frank Dobbin

Presentations and discussions of new research by members of the community and visiting scholars. Students are exposed to the major paradigms in the field, and see how research articles are developed and refined.

Course Note: This course meets weekly at either Harvard or MIT.

FAS Divisional Distribution: None

SOCIOL 3309

Migration and Immigrant Incorporation Workshop

T 1200 PM - 0200 PM

Mary Waters

Course ID: 122332

2025 Fall (4 Credits)

Instructor Permission Required

SOCIOL 3309

Migration and Immigrant Incorporation Workshop

T 1200 PM - 0200 PM

Mary Waters

Course ID: 122332

2026 Spring (4 Credits)

SOCIOL 3310

Qualifying Paper

M 0945 AM - 1145 AM

Robert Sampson

Course ID: 108137

2025 Fall (4 Credits)

Instructor Permission Required

SOCIOL 3313

Urban Theory and Data Lab

R 0345 PM - 0545 PM

Joscha Legewie, Robert Sampson

Course ID: 203599

2025 Fall (4 Credits)

Instructor Permission Required

Professors Joscha Legewie and Robert Sampson are organizing the "Urban Data Lab" (UDL) to support research by students and postdocs examining the urban condition in the 21st century. The emphasis is on the active discussion of theoretical and empirical research that is in progress, in addition to occasional discussion sessions on selected readings to be determined by the group.

Course Note: Meets sporadically.

FAS Divisional Distribution: None

SOCIOL 3313

Urban Theory and Data Lab

R 0345 PM - 0545 PM

Joscha Legewie, Robert Sampson

Course ID: 203599

2026 Spring (4 Credits)

Instructor Permission Required

Professors Joscha Legewie and Robert Sampson are organizing the "Urban Data Lab" (UDL) to support research by students and postdocs examining the urban condition in the 21st century. The emphasis is on the active discussion of theoretical and empirical research that is in progress, in addition to occasional discussion sessions on selected readings to be determined by the group.

Course Note: Meets sporadically.

FAS Divisional Distribution: None

SOCIOL 3315

Inequality and Social Policy: Seminar

M 1200 PM - 0115 PM

Deirdre Bloome

Course ID: 126529

2025 Fall (4 Credits)

Instructor Permission Required

SOCIOL 3315
Inequality and Social Policy: Seminar
M 1200 PM - 0130 PM
Deirdre Bloome

Course ID: 126529
2026 Spring (4 Credits)
Instructor Permission Required

SOCIOL 3317
Culture, History and Society
F 1200 PM - 0200 PM
Ya-Wen Lei, Orlando Patterson

Course ID: 128274
2025 Fall (4 Credits)
Instructor Permission Required

SOCIOL 3317
Culture, History and Society
F 1200 PM - 0200 PM
Ya-Wen Lei, Orlando Patterson

Course ID: 128274
2026 Spring (4 Credits)
Instructor Permission Required

SOCIOL 3321
Contemporary Studies of Race & Ethnicity Workshop
F 1200 PM - 0200 PM
Ellis Monk

Course ID: 204977
2025 Fall (4 Credits)
Instructor Permission Required

The Contemporary Studies of Race & Ethnicity (CSRE) workshop's purpose is to provide a forum to disseminate knowledge and facilitate dialogue among graduate students, faculty, and visiting scholars working on or interested in research about contemporary studies related to race & ethnicity. Though the Sociology department hosts the workshop, we seek to bring scholars together across disciplines to explore topics such as ethno-racial hierarchies, racial attitudes, and intergroup relations, as well as the role of race in institutions, politics, and everyday life. The workshop will foster both a learning and collaborative space in which participants can circulate and garner feedback on works in progress, including dissertation chapters, proposals, journal article submissions, conference papers, and practice job talks.

FAS Divisional Distribution: Social Sciences

SOCIOL 3321
Contemporary Studies of Race & Ethnicity Workshop
F 1200 PM - 0200 PM
Ellis Monk

Course ID: 204977
2026 Spring (4 Credits)
Instructor Permission Required

The Contemporary Studies of Race & Ethnicity (CSRE) workshop's purpose is to provide a forum to disseminate knowledge and facilitate dialogue among graduate students, faculty, and visiting scholars working on or interested in research about contemporary studies related to race & ethnicity. Though the Sociology department hosts the workshop, we seek to bring scholars together across disciplines to explore topics such as ethno-racial hierarchies, racial attitudes, and intergroup relations, as well as the role of race in institutions, politics, and everyday life. The workshop will foster both a learning and collaborative space in which participants can circulate and garner feedback on works in progress, including dissertation chapters, proposals, journal article submissions, conference papers, and practice job talks.

FAS Divisional Distribution: Social Sciences

SOCIOL 3323
Social Demography Workshop
R 1200 PM - 0200 PM
Jason Beckfield, Xiang Zhou, Christina Cross

Course ID: 205149
2025 Fall (4 Credits)
Instructor Permission Required

The Social Demography Workshop is a venue for graduate students and faculty to present research on a wide variety of topics such as family, gender, inequality, im/migration, fertility, mortality, and the institutional arrangements that shape and respond to population processes.

SOCIOL 3323

Social Demography Workshop

R 1200 PM - 0200 PM

Christina Cross, Jason Beckfield, Xiang Zhou

Course ID: 205149
2026 Spring (4 Credits)

Instructor Permission Required

The Social Demography Workshop is a venue for graduate students and faculty to present research on a wide variety of topics such as family, gender, inequality, im/migration, fertility, mortality, and the institutional arrangements that shape and respond to population processes.

FAS Divisional Distribution: Social Sciences

SOCIOL 3326

Workshop on Work, Organizations, and Markets

No meeting time listed

Rakesh Khurana, Alexandra Feldberg

Course ID: 216093
2025 Fall (4 Credits)

Instructor Permission Required

Bi-weekly venue for graduate students engaged in macro- and meso-level organizational research. WOM is particularly valuable for students whose interests lie at the organizational environment, organizational, and work group/team levels. Students present original work in progress and provide commentary on presentations made by others.

FAS Divisional Distribution: None

SOCIOL 3326

Workshop on Work, Organizations, and Markets

No meeting time listed

Peter Marsden, Alexandra Feldberg

Course ID: 216093
2026 Spring (4 Credits)

Instructor Permission Required

Bi-weekly venue for graduate students engaged in macro- and meso-level organizational research. WOM is particularly valuable for students whose interests lie at the organizational environment, organizational, and work group/team levels. Students present original work in progress and provide commentary on presentations made by others.

FAS Divisional Distribution: None

SOCIOL 3327

Contemporary Ethnography and Inequality Workshop

R 1200 PM - 0200 PM

David Showalter

Course ID: 216443
2025 Fall (4 Credits)

Instructor Permission Required

The Contemporary Ethnography and Inequality Workshop advances cutting-edge, socially significant, and novel ethnographic work addressing social, economic, and political inequality. The workshop circulates, appraises, and critically evaluates research presented by leading scholars as well as works-in-progress by graduate students rigorously pursuing ethnographic inquiry and methods. The workshop is open to students and faculty from across the University as well as faculty and students from nearby Boston and Cambridge universities. While regular attendance is the norm, visitors are welcome.

FAS Divisional Distribution: Social Sciences

SOCIOL 3327

Contemporary Ethnography and Inequality Workshop

R 1200 PM - 0200 PM

David Showalter

Course ID: 216443
2026 Spring (4 Credits)

Instructor Permission Required

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FAS Divisional Distribution: Social Sciences

SOCIOL 3328

Workshop on Climate Sociology

W 0945 AM - 1045 AM

Jason Beckfield

Course ID: 226595

2025 Fall (4 Credits)

Instructor Permission Required

The graduate workshop on Climate Sociology offers a venue for discussing new research that takes a sociological perspective toward climate change. Such perspectives include Environmental Sociology as well as areas of the field that have tended to develop independently of the problems of climate change, such as Social Organization, Social Stratification, Culture, Gender, Immigration, Political Sociology, and Race and Ethnicity. We encourage such disciplinary breadth of engagement in the problems of climate change because of the urgency of the climate crisis, and because we believe all sociologists can contribute to human knowledge about the causes and effects of climate change. For instance, although the topic of energy transition has been dominated by the physical sciences and economics, sociological insight into the forms of organizational ownership and control, the relationship between the rules of the game and the distribution of winners and losers, and the social meanings that attach to physical structures like oil wells and wind turbines all lead to more effective action on climate change. We welcome qualitative, quantitative, mixed-method, and applied research.

SOCIOL 3328

Workshop on Climate Sociology

W 0945 AM - 1045 AM

Jason Beckfield

Course ID: 226595

2026 Spring (4 Credits)

Instructor Permission Required

The graduate workshop on Climate Sociology offers a venue for discussing new research that takes a sociological perspective toward climate change. Such perspectives include Environmental Sociology as well as areas of the field that have tended to develop independently of the problems of climate change, such as Social Organization, Social Stratification, Culture, Gender, Immigration, Political Sociology, and Race and Ethnicity. We encourage such disciplinary breadth of engagement in the problems of climate change because of the urgency of the climate crisis, and because we believe all sociologists can contribute to human knowledge about the causes and effects of climate change. For instance, although the topic of energy transition has been dominated by the physical sciences and economics, sociological insight into the forms of organizational ownership and control, the relationship between the rules of the game and the distribution of winners and losers, and the social meanings that attach to physical structures like oil wells and wind turbines all lead to more effective action on climate change. We welcome qualitative, quantitative, mixed-method, and applied research.

South Asian Studies

South Asian Studies

SAS 91R

Supervised Reading and Research

No meeting time listed

Parimal Patil

Course ID: 107379

2025 Fall (4 Credits)

Instructor Permission Required

Supervised reading leading to a long term paper in a topic or topics not covered by regular courses of instruction.

Course Note: Offered at the discretion of the individual instructors. Not open to auditors.

FAS Divisional Distribution: Arts and Humanities

SAS 91R (002)

Supervised Reading and Research

No meeting time listed

Parimal Patil

Course ID: 107379
2026 Spring (4 Credits)

Instructor Permission Required

Supervised reading leading to a long term paper in a topic or topics not covered by regular courses of instruction.

Course Note: Offered at the discretion of the individual instructors. Not open to auditors.

FAS Divisional Distribution: Arts and Humanities

SAS 98R

Tutorial - Junior Year

No meeting time listed

Parimal Patil

Course ID: 107380
2026 Spring (4 Credits)

Instructor Permission Required

Course Note: Required of concentrators.

No auditors will be permitted. Enrolled students must take the course for a letter grade.

FAS Divisional Distribution: Arts and Humanities

SAS 98R

Tutorial - Junior Year

No meeting time listed

Parimal Patil

Course ID: 107380
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Required of concentrators.

No auditors will be permitted. Enrolled students must take the course for a letter grade.

FAS Divisional Distribution: Arts and Humanities

SAS 99RA

Tutorial - Senior Year

No meeting time listed

Parimal Patil

Course ID: 107381
2025 Fall (4 Credits)

Instructor Permission Required

Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Note: Required of concentrators writing a thesis.

No auditors will be permitted. Enrolled students must take the course for a letter grade.

FAS Divisional Distribution: None

Full Year Course: Indivisible Course

SAS 100R

South Asian Language Tutorials, Introductory Level

W 1200 PM - 0130 PM

Martha Selby

Topic: Introductory Kashmiri

Individualized study of a South Asian language at the introductory level; emphasis on written expression, reading comprehension and oral fluency. Languages recently offered are Elementary Kashmiri, Elementary Bengali, and Elementary Burmese though others may be approved upon petition to the Director of Undergraduate Studies/Director of Graduate Studies.

Course Note: Not open to auditors.

Course ID: 107378
2025 Fall (4 Credits)

Instructor Permission Required

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the

part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS: Meets Foreign Lang Req: South Asian Studies Language Tutorial

FAS Divisional Distribution: None

SAS 100R

Course ID: 107378

South Asian Language Tutorials, Introductory Level

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Martha Selby

Topic: Introductory Kashmiri

Individualized study of a South Asian language at the introductory level; emphasis on written expression, reading comprehension and oral fluency. Languages recently offered are Elementary Kashmiri, Elementary Bengali, and Elementary Burmese though others may be approved upon petition to the Director of Undergraduate Studies/Director of Graduate Studies.

Course Note: Not open to auditors.

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS: Meets Foreign Lang Req: South Asian Studies Language Tutorial

FAS Divisional Distribution: None

SAS 101R

Course ID: 206648

South Asian Language Tutorials, Intermediate Level

2025 Fall (4 Credits)

F 1045 AM - 1215 PM

Instructor Permission Required

Martha Selby

Topic: Intermediate Kashmiri

Individualized study of a South Asian language at the intermediate level; emphasis on written expression, reading comprehension and oral fluency. Languages recently offered are Intermediate Kashmiri, Intermediate Bengali, and Intermediate Burmese though others may be approved upon petition to the Director of Undergraduate Studies/Director of Graduate Studies.

Course Note: Not open to auditors. Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS: Meets Foreign Lang Req: South Asian Studies Language Tutorial

FAS Divisional Distribution: None

SAS 101R

Course ID: 206648

South Asian Language Tutorials, Intermediate Level

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Martha Selby

Topic: Intermediate Kashmiri

Individualized study of a South Asian language at the intermediate level; emphasis on written expression, reading comprehension and oral fluency. Languages recently offered are Intermediate Kashmiri, Intermediate Bengali, and Intermediate Burmese though others may be approved upon petition to the Director of Undergraduate Studies/Director of Graduate Studies.

Course Note: Not open to auditors. Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS: Meets Foreign Lang Req: South Asian Studies Language Tutorial

FAS Divisional Distribution: None

SAS 102R

Course ID: 206649

South Asian Language Tutorials, Advanced Level

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Martha Selby

Topic: Advanced Kashmiri

Individualized study of a South Asian language at the advanced level; emphasis on written expression, reading comprehension and oral fluency. Languages recently offered are Advanced Kashmiri, Advanced Bengali, and Advanced Burmese though others may be approved upon petition to the Director of Undergraduate Studies/Director of Graduate Studies.

Course Note: Not open to auditors. Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: South Asian Studies Language Tutorial

SAS 102R

Course ID: 206649

South Asian Language Tutorials, Advanced Level

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Martha Selby

Topic: Advanced Kashmiri

Individualized study of a South Asian language at the advanced level; emphasis on written expression, reading comprehension and oral fluency. Languages recently offered are Advanced Kashmiri, Advanced Bengali, and Advanced Burmese though others may be approved upon petition to the Director of Undergraduate Studies/Director of Graduate Studies.

Course Note: Not open to auditors. Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: South Asian Studies Language Tutorial

SAS 104

Course ID: 222213

The Body in Indian Medicine

2025 Fall (4 Credits)

W 0300 PM - 0545 PM

Instructor Permission Required

Martha Selby

What does it mean to inhabit a body in India? This is the primary question that we will attempt to answer during the course of the semester in this seminar. The readings and discussion over the course of the term will parallel the development of the human being from conception, infancy and childhood, adulthood and sexuality, and will end with aging and death. We will take an interdisciplinary approach, and will examine textual materials from an extensive range of sources and time periods. Sources will include selections in translation from medical literature from India's Āyurvedic traditions as well as readings from religious narratives that deal directly with issues of embodiment and provide powerful metaphors for it. We will also be drawing largely on sociological and anthropological studies of the different forms that embodiment takes, from metaphysical issues on what it means to be "alive" or "dead" and the human body's connection to land and landscape to careful explorations of the body's outer surfaces in terms of ritual, ascetic, and strictly sartorial concerns with adornment and fashion. We will also explore the fascinating interfaces between bodybuilding and nation building in India.

Course Note: No auditors will be permitted. Enrolled students must take the course for a letter grade.

FAS Divisional Distribution: Arts and Humanities

SAS 108

Course ID: 225936

Introduction To The Hindu Calendar As A Lived Experience

2025 Fall (4 Credits)

MW 0300 PM - 0415 PM

Instructor Permission Required

Radha Blinderman

The purpose of this course is to acquaint someone completely new to the religious traditions of South Asia with Hinduism as a lived experience. It is meant to introduce students to ways of life that are informed by the most prominent sub-traditions of Hinduism today as they are reflected in the different versions of the Hindu calendar, also called Pañcāṅga or Pañjikā. Building on the history of different Hindu calendars, which consist of lunar dates (tithis), this course aims to give a broad overview of Hindu religious life as it revolves around festivals,

fasts, seasonal rituals and pilgrimages that comprise each version of the calendar. Students will begin this journey with the Lunar New Year of the Vikrama Samvat calendar, which coincides with the end of the Spring Festival of Nine Nights (Caitra Navarātri) dedicated to the feminine divine, Śakti. After exploring the many ways in which the same event is celebrated in different regions, students will progress through the calendar towards the end of the year, learning about other major Hindu festivals along the way. Because of the diversity of religious perspectives in the sub-traditions of Hinduism, often the same events on these lunar calendars are imbued with multiple meanings and celebrated in various ways, so this course will put a special emphasis on learning when and how religious events are tied to entirely different mythologies and theologies, and how that creates opportunities for pluralistic encounters. Furthermore, since not all traditions under the umbrella of 'Hinduism' agree on one New Year or one supreme deity, the course also delves into alternative New Year celebrations, the deities and mythologies honored by them, and the issues of caste reflected by them. Throughout the course, students will learn about the ways in which devotees structure their lives around sacred dates, such as the birthdays and anniversaries of their chosen deities of worship, as well as commemorations of other mythological events. In addition to this, they will gain a perspective on food, visual art, dance, and music as aspects of life regulated by the Hindu calendar. Finally, the course will highlight cross-religious experiences, as certain major festivals transcend religious boundaries and share a history with some non-Hindu festivals that coincide with them. Knowledge of Sanskrit, other South Asian languages, or prior background in South Asian religions is not required for this course.

Course Note: Must be taken for a letter grade. No auditors permitted.

FAS Divisional Distribution: Arts and Humanities

SAS 109

Readings in Classical Tamil

W 0300 PM - 0545 PM

Martha Selby

This course will introduce students to classical forms of the Tamil language, through a graduated study of poetry. During this semester, we will read the Akattinaiyiyal, the chapter on poetic convention from the classical grammar Tolkappiyam. Students are required to have a minimum of two years of formal Tamil study (or equivalent)

Course Note: No auditors will be permitted. Enrolled students must take the course for a letter grade.

FAS Divisional Distribution: Arts and Humanities

SAS 110

Four Indian Epics

TR 0130 PM - 0245 PM

Martha Selby

This course will provide an introduction to the four epics of classical India, and will also include a detailed exploration of the forms that different epic narratives can take. We will begin with a study of the Ramayana and Mahabharata in their Sanskrit forms, and we will then branch off into retellings of these two epics in versions that have appeared over the centuries in the regional languages of India. The second half of the semester will be dedicated to close readings of the Tamil twin epics, Cilappatikaram and Manimekhalai. No auditors. Must be taken for a letter grade.

FAS Divisional Distribution: Arts and Humanities

SAS 111

Jaina and Hindu Perspectives on Selfish Desire and Selfless Love

MW 0300 PM - 0415 PM

Radha Blinderman

Is desire the same as love? Should one draw a distinction between the two? Is it an impediment to liberation? This course brings to light the overlapping and contrasting perspectives on "attachment" rāga, "desire" kāma, and "devotion" bhakti in the works of Hemacandra Sūri (13th cent. CE) and Jīva Gosvāmin (16th cent. CE), which were foundational for the Śvetāmbara Jaina and the Bengali Vaiṣṇava tradition respectively. After a preliminary overview of Jaina and Brahmanical approaches to kāma in general, the course will focus on translated primary sources, such as portions of Hemacandra's Triṣaṣṭīśālākāpuruṣacaritra and Jīva's Bhaktisandarbha and related works, while also delving into secondary literature to explore the growing presence

of bhakti as it is distinctively defined within each of these traditions No prior knowledge required. Must be taken for a letter grade.

SAS 172

Classical Indian Literature in Translation

TR 0130 PM - 0245 PM

Martha Selby

This course will provide you with a comprehensive overview of narrative literature and poetry composed in the three classical languages of India (Old Tamil, Sanskrit, and Prākṛit). We will begin with a survey of the languages of classical India and their literatures, and after a brief exploration of Vedic poetry, you will be introduced to the aesthetic conventions of the Sanskrit and Tamil literary worlds. First, we will examine rasa theory as it is spelled out in the Sanskrit Nāṭyaśāstra, and we will then move on to dhvani or "poetic resonance" as an analytical category described by the theoreticians Ānandavardhana and Abhinavagupta. We will then move on to the themes of land and landscape, which are typical of early Tamil poetry, paying special attention to poetic convention and generic taxonomies. This will give us the means to study poetry produced in India's classical period. In tandem with our explorations of literary convention, we will read a Sanskrit play, as well as a wide variety of poems from various collections from the Sanskrit and Prākṛit traditions. We will also read selections from the eight anthologies of classical Tamil that treat akam (romantic/erotic) and puram (heroic/ethical) themes. We will then move on to an exploration of epic and story literature from the Sanskrit and Tamil languages.

Course Note: No auditors will be permitted. Enrolled students must take the course for a letter grade.

FAS Divisional Distribution: Arts and Humanities

SAS 301

Graduate Teaching

No meeting time listed

Parimal Patil

Course ID: 210979

2025 Fall (4 Credits)

SAS 301

Graduate Teaching

No meeting time listed

Parimal Patil

Course ID: 210979

2026 Spring (4 Credits)

SAS 301 (002)

Graduate Teaching

No meeting time listed

Martha Selby

Course ID: 210979

2025 Fall (4 Credits)

SAS 301 (002)

Graduate Teaching

No meeting time listed

Martha Selby

Course ID: 210979

2026 Spring (4 Credits)

SAS 302 (002)

Reading and Research

No meeting time listed

Francis Clooney

Course ID: 110709

2025 Fall (4 Credits)

Instructor Permission Required

SAS 302 (002)

Reading and Research

Course ID: 110709

2026 Spring (4 Credits)

No meeting time listed
Francis Clooney

Instructor Permission Required

SAS 302 (003)
Reading and Research
No meeting time listed
Diana Eck

Course ID: 110709
2025 Fall (4 Credits)
Instructor Permission Required

SAS 302 (003)
Reading and Research
No meeting time listed
Diana Eck

Course ID: 110709
2026 Spring (4 Credits)
Instructor Permission Required

SAS 302 (004)
Reading and Research
No meeting time listed
Parimal Patil

Course ID: 110709
2025 Fall (4 Credits)
Instructor Permission Required

SAS 302 (004)
Reading and Research
No meeting time listed
Parimal Patil

Course ID: 110709
2026 Spring (4 Credits)
Instructor Permission Required

SAS 302 (005)
Reading and Research
No meeting time listed
Michael Witzel

Course ID: 110709
2025 Fall (4 Credits)
Instructor Permission Required

SAS 302 (006)
Reading and Research
No meeting time listed
Richard Wolf

Course ID: 110709
2025 Fall (4 Credits)
Instructor Permission Required

SAS 302 (006)
Reading and Research
No meeting time listed
Richard Wolf

Course ID: 110709
2026 Spring (4 Credits)
Instructor Permission Required

SAS 302 (007)
Reading and Research
No meeting time listed
Leonard van der Kuip

Course ID: 110709
2025 Fall (4 Credits)
Instructor Permission Required

SAS 302 (007)
Reading and Research
No meeting time listed
Leonard van der Kuip

Course ID: 110709
2026 Spring (4 Credits)
Instructor Permission Required

SAS 302 (008)

Reading and Research

No meeting time listed

Martha Selby

Course ID: 110709

2025 Fall (4 Credits)

Instructor Permission Required

SAS 310

Direction of Doctoral Dissertations

No meeting time listed

Jay Jasanoff

Course ID: 210980

2025 Fall (4 Credits)

FAS Divisional Distribution: None

SAS 310

Direction of Doctoral Dissertations

No meeting time listed

Jay Jasanoff

Course ID: 210980

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SAS 310 (002)

Direction of Doctoral Dissertations

No meeting time listed

Richard Wolf

Course ID: 210980

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SAS 310 (002)

Direction of Doctoral Dissertations

No meeting time listed

Richard Wolf

Course ID: 210980

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SAS 310 (003)

Direction of Doctoral Dissertations

No meeting time listed

Martha Selby

Course ID: 210980

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

Tibetan

TIBET 91R

Supervised Reading and Research

No meeting time listed

Leonard van der Kuip

Supervised reading of texts in Tibetan not covered by regular courses of instruction.

Course Note: Offered at the discretion of the instructors. Not open to auditors.

Course ID: 118666
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Arts and Humanities

TIBET 91R

Supervised Reading and Research

No meeting time listed

Leonard van der Kuip

Supervised reading of texts in Tibetan not covered by regular courses of instruction.

Course Note: Offered at the discretion of the instructors. Not open to auditors.

Course ID: 118666
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Arts and Humanities

TIBET 101A

Elementary Classical Tibetan

TR 0900 AM - 1015 AM

Leonard van der Kuip

An introductory course designed for students with no background in classical Tibetan. Students begin with the Tibetan script, its standard transliteration into Roman characters, and pronunciation before proceeding to the basics of Tibetan grammar. After mastering a foundational vocabulary, students begin translating simple Tibetan texts. No auditors will be permitted. Enrolled students must take the course for a letter grade.

Course Note: Not open to auditors; cannot be taken Pass/Fail.

Course ID: 113685
2025 Fall (4 Credits)

FAS: Meets Foreign Lang Req: Tibetan

FAS Divisional Distribution: None

TIBET 101B

Elementary Classical Tibetan

No meeting time listed

Leonard van der Kuip

Continuation of Tibetan 101a

Course Note: Not open to auditors; cannot be taken Pass/Fail.

Requires: Prerequisite: Tibetan 101a

FAS: Meets Foreign Lang Req: Tibetan

FAS Divisional Distribution: None

Course ID: 115483
2026 Spring (4 Credits)

TIBET 102A

Intermediate Classical Tibetan

TR 1030 AM - 1145 AM

Leonard van der Kuip

An intermediate classical Tibetan reading course focusing on the development of translation skills through attention to grammatical and philological analysis. This course will also provide training in the research skills

Course ID: 116075
2025 Fall (4 Credits)

Instructor Permission Required

required to work with the Buddhist canonical texts of the Bka' 'gyur and Bstan 'gyur. Readings will be selected from a variety of Tibetan literary genres, including Buddhist philosophy and path literature, as well as historical and biographical narrative texts. No auditors will be permitted. Enrolled students must take the course for a letter grade.

Course Note: Not open to auditors; cannot be taken Pass/Fail.

Requires: Prerequisite: Tibetan 101a AND 101b

HCOL: Foreign Lang Citation: Tibetan

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Tibetan

TIBET 102B

Intermediate Classical Tibetan

MW 0900 AM - 1015 AM

Leonard van der Kuip

Continuation of 102a.

Course Note: Not open to auditors; cannot be taken Pass/Fail.

Requires: Prerequisite: Tibetan 101a AND Tibetan 101b

HCOL: Foreign Lang Citation: Tibetan

FAS: Meets Foreign Lang Req: Tibetan

FAS Divisional Distribution: None

Course ID: 116076
2026 Spring (4 Credits)

TIBET 104AR

Elementary Colloquial Tibetan

MW 0600 PM - 0715 PM

Leonard van der Kuip

An introduction to spoken standard Central Tibetan: its phonology and basic grammar and syntactic structures - with drill sessions. No auditors will be permitted. Enrolled students must take the course for a letter grade.

Course Note: Not open to auditors; cannot be taken Pass/Fail.

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Tibetan

Course ID: 113705
2025 Fall (4 Credits)

Instructor Permission Required

TIBET 104BR

Elementary Colloquial Tibetan

TW 0300 PM - 0415 PM

Parimal Patil

Continuation of Tibetan 104ar.

Course Note: Not open to auditors; cannot be taken Pass/Fail.

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Tibetan

Course ID: 120259
2026 Spring (4 Credits)

Instructor Permission Required

TIBET 105AR

Intermediate Colloquial Tibetan

No meeting time listed

Leonard van der Kuip

Course ID: 110640
2025 Fall (4 Credits)

Instructor Permission Required

This course will cover more complex grammatical and syntactic structures of spoken standard Central Tibetan - with drill sessions. No auditors will be permitted. Enrolled students must take the course for a letter grade.

Course Note: Not open to auditors; cannot be taken Pass/Fail.

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Tibetan

TIBET 105BR

Intermediate Colloquial Tibetan

TR 0430 PM - 0545 PM

Parimal Patil

Course ID: 110519
2026 Spring (4 Credits)

Instructor Permission Required

Continuation of Tibetan 105ar.

Course Note: Not open to auditors; cannot be taken Pass/Fail.

Please contact the Department of South Asian Studies (southasianstudies@fas.harvard.edu) before the start of classes if you are interested in enrolling in a Colloquial Tibetan language course. Students will be required to submit a statement demonstrating an academic need to enroll.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Tibetan

TIBET 106AR

Advanced Colloquial Tibetan

TR 0600 PM - 0715 PM

Leonard van der Kuip

Course ID: 116077
2025 Fall (4 Credits)

Instructor Permission Required

No auditors will be permitted. Enrolled students must take the course for a letter grade.

Course Note: Not open to auditors; cannot be taken Pass/Fail.

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

Tibetan 101 and 102, or equivalent.

FAS: Meets Foreign Lang Req: Tibetan

FAS Divisional Distribution: Arts and Humanities

TIBET 106BR

Advanced Colloquial Tibetan

TR 0600 PM - 0715 PM

Parimal Patil

Course ID: 116078
2026 Spring (4 Credits)

Instructor Permission Required

Continuation of Tibetan 106ar.

Course Note: Not open to auditors; cannot be taken Pass/Fail.

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

Tibetan 101 and 102, or equivalent.

FAS: Meets Foreign Lang Req: Tibetan

FAS Divisional Distribution: Arts and Humanities

TIBET 241

Course ID: 226628

Readings in the Oeuvre of Zur mkhar ba Blo gros rgyal po (1509-?1579)

2026 Spring (4 Credits)

TR 1200 PM - 0115 PM

Instructor Permission Required

Leonard van der Kuijp

Zur mkhar ba was not only a famous traditional Tibetan physician, but he was also a poetician, a grammarian, and writer of epistles. In this course, we will examine his writings in various genres of Tibetan literature and examine a corpus of his letters that shed light on his social history. This is a reading course. No auditors. Must be taken for a letter grade.

TIBET 242

Course ID: 226625

Bod mkhas pa Mi pham rnam rgyal's (1618-1685) History of Nag rtsis and

2025 Fall (4 Credits)

Other Relevant Texts

TR 1200 PM - 0115 PM

Instructor Permission Required

Leonard van der Kuijp

This course will in the first instance focus on reading Bod mkhas pa's work on the history of Sinitic Astrology (nag rtsis) in Tibet. We will then also be reading select passages from Nag rtsis texts that purportedly were translated from Chinese originals. This is a reading course. No auditors. Must be taken for a letter grade.

TIBET 245A

Course ID: 226626

Readings in the Oeuvre of Bcom Idan ral gri (1227-1305)

2025 Fall (4 Credits)

TR 1030 AM - 1145 AM

Instructor Permission Required

Leonard van der Kuijp

This course will examine the breadth and depth of one of the most versatile and interesting scholars of Tibetan history. Being one of the most prolific writers of the 13th century, we will be reading a large number select passages from his main writings. This is a full year reading course. No auditors. Must be taken for a letter grade.

TIBET 245B

Course ID: 226627

Readings in the Oeuvre of Bcom Idan ral gri (1227-1305)

2026 Spring (4 Credits)

TR 1030 AM - 1145 AM

Instructor Permission Required

Leonard van der Kuijp

Continuation of 245A. This course will examine the breadth and depth of one of the most versatile and interesting scholars of Tibetan history. Being one of the most prolific writers of the 13th century, we will be reading a large number select passages from his main writings. This is a full year reading course. No auditors. Must be taken for a letter grade.

TIBET 300	Course ID: 119022
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Leonard van der Kuip</i>	

TIBET 300	Course ID: 119022
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Leonard van der Kuip</i>	

TIBET 302	Course ID: 120037
Direction of AM Theses	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Leonard van der Kuip</i>	

FAS Divisional Distribution: None

TIBET 302	Course ID: 120037
Direction of AM Theses	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Leonard van der Kuip</i>	

FAS Divisional Distribution: None

Sanskrit

SANSKRIT 101A

Course ID: 123045
2025 Fall (4 Credits)

Elementary Sanskrit

MTWR 0900 AM - 1015 AM

Patrick Cummins

Sanskrit. It's easier than you think! Unlock the depth and complexity of South Asia in two semesters of study. In this course, students will gain mastery of the foundations of the Sanskrit language: the Devanāgarī writing system, correct pronunciation, all fundamental topics of grammar, basic writing and speaking. By the end of the academic year, students will be poised to read epic Sanskrit (the Mahābhārata and Rāmāyaṇa) with the aid of only a dictionary. No auditors are permitted. Enrolled students must take the course for a letter grade.

Course Note: No auditors will be permitted. Enrolled students must take the course for a letter grade.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Sanskrit

SANSKRIT 101B

Course ID: 119882
2026 Spring (4 Credits)

Elementary Sanskrit

MTWR 0900 AM - 1015 AM

Patrick Cummins

Continuation of Sanskrit 101A. Sanskrit. It's easier than you think! Unlock the depth and complexity of South Asia in two semesters of study. In this course, students will gain mastery of the foundations of the Sanskrit language: the Devanāgarī writing system, correct pronunciation, all fundamental topics of grammar, basic writing and speaking. By the end of the academic year, students will be poised to read epic Sanskrit (the Mahābhārata and Rāmāyaṇa) with the aid of only a dictionary. No auditors are permitted. Enrolled students must take the course for a letter grade.

Course Note: No auditors will be permitted. Enrolled students must take the course for a letter grade.

FAS: Meets Foreign Lang Req: Sanskrit

FAS Divisional Distribution: None

SANSKRIT 102AR

Course ID: 114270
2025 Fall (4 Credits)

Intermediate Sanskrit I

MWF 1200 PM - 0115 PM

Parimal Patil

In the first two months of intermediate-level Sanskrit, students continue to develop foundational skills in reading comprehension and grammar analysis (alongside the supporting skills of writing, speaking, and listening). These include the recognition and formation of perfects, futures, gerundives, causatives, desideratives, and aorists. In addition to completing short assignments that refine these discrete skills, students interpret longer reading passages, including selections from the Rāmāyaṇa. The final month of the semester looks more like a traditional reading course. Using a dictionary to look up unfamiliar words, students read, analyze, and discuss the story of the encounter between Arjuna and Śiva in book 3 of the Sanskrit epic Mahābhārata. Students continue to read this story (and one of its poetic retellings, with commentary) in the spring semester. Overall, the intermediate-level Sanskrit course enables students to interpret Sanskrit texts in three major genres: epic, poetry, and scholarly prose. Students expand and strengthen the skills in reading comprehension, grammatical analysis, and vocabulary retention that they developed during the first year of study. Students will be able to dissect and describe nominal compounds, verbal forms, poetic meters, and morphological and syntactical features of Sanskrit words, sentences, and verses in greater detail. As a whole, the course prepares students to participate in Sanskrit language and reading courses at the advanced level. Most lessons involve collaborative work among students. No auditors will be permitted. Enrolled students must take the course for a letter grade. Please note that this course includes a required weekly review session with the Teaching Fellow at a time to be determined within the first two weeks of the semester.

Course Note: No auditors will be permitted. Enrolled students must take the course for a letter grade.

FAS: Meets Foreign Lang Req: Sanskrit

SANSKRIT 102BR**Intermediate Sanskrit II**

MW 1030 AM - 1230 PM

*Patrick Cummins*Course ID: 114395
2026 Spring (4 Credits)

Continuation of Sanskrit 102AR. In the spring semester of the Intermediate course, students learn advanced skills in syntax, morphology, compound analysis, and metrics. Students learn how to analyze *kṛt* and *taddhita* suffixes, recognize a variety of poetic meters, categorize and take apart compounds in greater detail, and determine the various senses in which *kāraṅkas* and *vibhaktis* are being used. In the final month of the course, students learn how to interpret commentarial and expository prose (*śāstra*). In addition to developing the discrete skills above, students read and discuss three different Sanskrit texts. We continue the story that we began in the fall semester—that of the encounter between Arjuna and Śiva in book 3 of the Sanskrit epic *Mahābhārata*. Then we study Bhāravi's *Kirātārjunīya*, a sixth-century *kāvya* (poetic) composition based on that epic story. Finally, students practice their commentary-reading skills by interpreting select portions of Mallinātha's *Ghaṇṭāpāṭha*, a fourteenth-century commentary on the *Kirātārjunīya*. Overall, the intermediate-level Sanskrit course enables students to interpret Sanskrit texts in three major genres: epic, poetry, and scholarly prose. Students expand and strengthen the skills in reading comprehension, grammatical analysis, and vocabulary retention that they developed during the first year of study. Students will be able to dissect and describe nominal compounds, verbal forms, poetic meters, and morphological and syntactical features of Sanskrit words, sentences, and verses in greater detail. As a whole, the course prepares students to participate in Sanskrit language and reading courses at the advanced level. Most lessons involve collaborative work among students. No auditors will be permitted. Enrolled students must take the course for a letter grade. Please note that this course includes a required weekly review session with the Teaching Fellow at a time to be determined within the first two weeks of the semester. Prerequisite: Sanskrit 102AR.

Course Note: No auditors will be permitted. Enrolled students must take the course for a letter grade.

HCOL: Foreign Lang Citation: Sanskrit

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Sanskrit

SANSKRIT 200R**Advanced Philosophical Sanskrit**

TR 1030 AM - 1230 PM

*Patrick Cummins*Course ID: 113324
2025 Fall (4 Credits)

The central objective of this course is to enable students to analyze and interpret poetry (*kāvya*) in classical Sanskrit. Whether this is your first encounter with *kāvya* or the most recent of many, this course is here to help you practice and grow your skills as a reader. Most lessons involve students collaborating with their peers. What does it mean to "read" Sanskrit poetry? Depending on your experience with the language and the genre, these skills may involve: determining the grammatical and syntactic structures of a given verse; identifying the meter; noticing ambiguities in the text; registering new vocabulary; discussing themes and imagery; and considering technical aspects of literary ornamentation such as similes, metaphors, and other figures of speech. The course may involve some (limited, and supported) engagement with commentaries. Just as important, students will practice literary appreciation and criticism. We will discuss what makes a given composition beautiful, effective, insightful, and/or resonant. No auditors will be permitted. Enrolled students must take the course for a letter grade.

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Sanskrit

SANSKRIT 201R**Advanced Literary Sanskrit**

TR 1030 AM - 1230 PM

*Patrick Cummins*Course ID: 121484
2026 Spring (4 Credits)

The central objective of this course is to enable students to analyze and interpret scholarly prose (*śāstra*) in

commentarial and expository styles. On a sentence- or paragraph level, students will explain the basic syntactical constructions and grammatical features of the (quite challenging!) texts they read. Along the way, students will develop the ability to recognize many of the conventions of scholastic Sanskrit. No matter which texts we decide to read, it's safe to say that students will have a good deal of practice working with abstract noun constructions. Students will strengthen their scholastic vocabularies in general; in addition to that, students will develop technical vocabularies related to the texts they read and the specific intellectual discipline(s) in which those texts are situated. On the level of the longer passage or indeed the text as a whole, students will be able to (at different points) summarize, describe in detail, and critique the ideas that are being communicated in the text. Many lessons will involve students collaborating with their peers. No auditors will be permitted. Enrolled students must take the course for a letter grade.

FAS: Meets Foreign Lang Req: Sanskrit

FAS Divisional Distribution: Arts and Humanities

SANSKRIT 220

Nāgeśa on God's Linguistic Conventionalism

TR 1200 PM - 0115 PM

Radha Blinderman

Course ID: 226422

2025 Fall (4 Credits)

Often considered to be the last among influential new Pāṇinīya thinkers, Nāgeśa Bhaṭṭa does not only build on Bhartṛhari's non-dualism, but also accommodates the concept of an Īśvara within his own semantic theory. Unlike Kauṇḍa Bhaṭṭa, he also seeks to refute the old and new Naiyāyikas' position that Īśvara's desire is the basis for direct expression (śakti), which itself constitutes linguistic convention (saṅketa). By separating the two concepts, Nāgeśa carves out a unique space for Īśvara within a Pāṇinīya's philosophy of language, which otherwise was exclusively dominated by the concepts of Śabdabrahman and sphoṭa. This course will also focus on portions of the Dhātvartha chapter in Nāgeśa's larger version of the Mañjūṣā, where he connects the theory of action and deliberations on existence (sattā) with his concept of the world as an illusory transformation (vivarta) of Brahman. Requires at least two years of Sanskrit knowledge. No auditors. Must be taken for a letter grade

FAS Divisional Distribution: Arts and Humanities

SANSKRIT 301

Reading and Research

No meeting time listed

Parimal Patil

Course ID: 111291

2026 Spring (4 Credits)

Instructor Permission Required

SANSKRIT 301

Reading and Research

No meeting time listed

Parimal Patil

Course ID: 111291

2025 Fall (4 Credits)

Instructor Permission Required

SANSKRIT 310

Direction of Doctoral Dissertations

No meeting time listed

Parimal Patil

Course ID: 113870

2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SANSKRIT 310

Direction of Doctoral Dissertations

No meeting time listed

Parimal Patil

Course ID: 113870

2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

Hindi-Urdu

HIND-URD 101A

Course ID: 113639
2025 Fall (4 Credits)

Introductory Hindi-Urdu

MTWR 0300 PM - 0415 PM

Instructor Permission Required

Richard Delacy

An Introduction to the modern standard form of the most widely spoken language in South Asia, Hindi-Urdu. Students are introduced to both writing systems: the Devanagari script of Hindi and the Nastaliq script of Urdu. The basic grammatical structures are presented and reinforced, and students are also exposed to the cultural and historical context in which Hindi-Urdu has existed over several centuries. The course also draws from the modern medium of film, in particular recent Bollywood songs, to reinforce structures and vocabulary. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Note: No auditors will be permitted. Enrolled students must take the course for a letter grade.

FAS Divisional Distribution: None

Full Year Course: Indivisible Course

FAS: Meets Foreign Lang Req: Hindi-Urdu

HIND-URD 101B

Course ID: 159973
2026 Spring (4 Credits)

Introductory Hindi-Urdu

MTWR 0300 PM - 0415 PM

Richard Delacy

An Introduction to the modern standard form of the most widely spoken language in South Asia, Hindi-Urdu. Students are introduced to both writing systems: the Devanagari script of Hindi and the Nastaliq script of Urdu. The basic grammatical structures are presented and reinforced, and students are also exposed to the cultural and historical context in which Hindi-Urdu has existed over several centuries. The course also draws from the modern medium of film, in particular recent Bollywood songs, to reinforce structures and vocabulary. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Note: Not open to auditors.

Requires: Pre-requisite: HIND-URD 101A

FAS: Meets Foreign Lang Req: Hindi-Urdu

Full Year Course: Indivisible Course

FAS Divisional Distribution: None

HIND-URD 102A

Course ID: 112079
2025 Fall (4 Credits)

Intermediate Hindi-Urdu

MWF 1200 PM - 0115 PM

Martha Selby

Continuation of Hindi-Urdu 101. Emphasis on written expression and texts in both Perso-Arabic and Devanagari script systems. Students are introduced to Hindi-Urdu fables, short stories, and various other genres of literature, including poetry. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Note: Not open to auditors; cannot be taken Pass/Fail.

Requires: Pre-requisite: HIND-URD 102A

HCOL: Foreign Lang Citation: Hindi-Urdu

FAS Divisional Distribution: None

Full Year Course: Indivisible Course

FAS: Meets Foreign Lang Req: Hindi-Urdu

HIND-URD 102B (002)

Intermediate Hindi-Urdu

MWF 1200 PM - 0115 PM

Martha Selby

Continuation of Hindi-Urdu 101. Emphasis on written expression and texts in both Perso-Arabic and Devanagari script systems. Students are introduced to Hindi-Urdu fables, short stories, and various other genres of literature, including poetry. Students must complete both terms of this course (parts A and B) within the same academic year in order to receive credit.

Course Note: Not open to auditors; cannot be taken Pass/Fail.

Requires: Pre-requisite: HIND-URD 102A

FAS: Meets Foreign Lang Req: Hindi-Urdu

HCOL: Foreign Lang Citation: Hindi-Urdu

Full Year Course: Indivisible Course

FAS Divisional Distribution: None

Course ID: 159974
2026 Spring (4 Credits)

HIND-URD 103AR

Advanced Hindi-Urdu

MW 0430 PM - 0545 PM

Richard Delacy

Continuation of Hindi-Urdu 102; covers topics in advanced grammar; designed to improve proficiency in speaking, listening, reading, and writing.

Course Note: Not open to auditors.

Hindi-Urdu 102 or equivalent.

HCOL: Foreign Lang Citation: Hindi-Urdu

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Hindi-Urdu

Course ID: 116494
2025 Fall (4 Credits)

Instructor Permission Required

HIND-URD 103BR

Advanced Hindi-Urdu

MW 1200 PM - 0115 PM

Richard Delacy

Continuation of Hindi-Urdu 103a.

Course Note: No auditors will be permitted. Enrolled students must take the course for a letter grade.

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Hindi-Urdu

FAS: Meets Foreign Lang Req: Hindi-Urdu

Course ID: 115586
2026 Spring (4 Credits)

Instructor Permission Required

HIND-URD 104

The Classical Urdu Ghazal and Its Symbolism: Seminar

No meeting time listed

Richard Delacy

A survey of the popular literary genre with a focus on the classical period. Includes close readings of selected poems of Vali Dakkani, Siraj Aurangabadi, Mir Taqi Mir, Mir Dard, Haidar Ali Atish, Mirza Ghalib, and others, along with discussions of the conventions, stylistics, and the religious and mystical symbolism of the ghazal. A high degree of reading and writing proficiency in Urdu is required. Assignments include weekly responses in Urdu and a final paper. Students who possess a similar degree of proficiency in Hindi but cannot read and write Urdu and wish to take the class should contact the instructor.

Course Note: No auditors will be permitted. Enrolled students must take the course for a letter grade.

Hindi-Urdu 103 or equivalent.

Course ID: 145866
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Arts and Humanities
FAS: Meets Foreign Lang Req: Hindi-Urdu
HCOL: Foreign Lang Citation: Hindi-Urdu

HIND-URD 300	Course ID: 111273
Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Parimal Patil</i>	

HIND-URD 300	Course ID: 111273
Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
<i>Parimal Patil</i>	

Bahasa Indonesia

BI 101A

Beginning Indonesian

MTWR 0300 PM - 0415 PM

Sakti Suryani

Course ID: 223075
2025 Fall (4 Credits)

Instructor Permission Required

Beginning Indonesian is designed to equip students who have little or no previous knowledge of Indonesian with a basic foundation in the language. The course emphasizes communicative skills and encourages students to use Indonesian as much as possible when communicating in class. The course will emphasize speaking and listening, as well as simple writing and reading skills. Basic grammar and structure will be taught and presented in real life. Various aspects of Indonesian culture are integrated into the language instruction. No auditors will be permitted. Enrolled students must take the course for a letter grade

FAS: Meets Foreign Lang Req: Indonesian

FAS Divisional Distribution: None

BI 101B

Beginning Indonesian

MTWR 1200 PM - 0115 PM

Sakti Suryani

Course ID: 223078
2026 Spring (4 Credits)

Instructor Permission Required

Beginning Indonesian is designed to equip students who have little or no previous knowledge of Indonesian with a basic foundation in the language. The course emphasizes communicative skills and encourages students to use Indonesian as much as possible when communicating in class. The course will emphasize speaking and listening, as well as simple writing and reading skills. Basic grammar and structure will be taught and presented in real life. Various aspects of Indonesian culture are integrated into the language instruction. No auditors will be permitted. Enrolled students must take the course for a letter grade

FAS Divisional Distribution: None

BI 102A

Intermediate Indonesian

MW 1245 PM - 0245 PM

Sakti Suryani

Course ID: 223076
2025 Fall (4 Credits)

Instructor Permission Required

Intermediate Indonesian class develops conversational and presentational skills on familiar topics with some unexpected complications using a communicative approach to language learning based on student-centered activities. This level prepares students to use the language in organized ways and cope with various authentic texts. Advanced grammar and structure are taught and presented in real life contexts. As an important component of language learning, Various aspects of Indonesian culture are integrated into language instruction. No auditors will be permitted. Enrolled students must take the course for a letter grade

FAS Divisional Distribution: None

BI 102B

Intermediate Indonesian

TR 0300 PM - 0500 PM

Sakti Suryani

Course ID: 223077
2026 Spring (4 Credits)

Instructor Permission Required

Intermediate Indonesian class develops conversational and presentational skills on familiar topics with some unexpected complications using a communicative approach to language learning based on student-centered activities. This level prepares students to use the language in organized ways and cope with various authentic texts. Advanced grammar and structure are taught and presented in real life contexts. As an important component of language learning, Various aspects of Indonesian culture are integrated into language instruction. No auditors will be permitted. Enrolled students must take the course for a letter grade

BI 103AR

Advanced Indonesian

TR 1245 PM - 0245 PM

Sakti Suryani

Course ID: 223079

2025 Fall (4 Credits)

Instructor Permission Required

In Advanced Indonesian course, students will work to develop communication skills (interpretive, interpersonal, and presentational) on topics relating to community, public and personal interest. This course aims to prepare students to cope with unexpected complications as they deal with authentic texts and various communicative tasks, including describing or narrating complex situations and events. Students will also gain insights on Indonesian culture in the process of language learning. You will study both academic and non-academic texts, will engage in formal and informal discussion and writing, give presentations about Indonesian culture and society, and interview native speakers. No auditors will be permitted. Enrolled students must take the course for a letter grade

FAS Divisional Distribution: Arts and Humanities

Tamil

TAM 91R

Course ID: 206819
2025 Fall (4 Credits)

Tamil Supervised Readings

No meeting time listed

Instructor Permission Required

Jonathan Ripley

Supervised reading of texts in Tamil not covered by regular courses of instruction.

Course Note: Offered at the discretion of the instructors. Not open to auditors.

FAS Divisional Distribution: Arts and Humanities

TAM 91R

Course ID: 206819
2026 Spring (4 Credits)

Tamil Supervised Readings

No meeting time listed

Instructor Permission Required

Jonathan Ripley

Supervised reading of texts in Tamil not covered by regular courses of instruction.

Course Note: Offered at the discretion of the instructors. Not open to auditors.

FAS Divisional Distribution: Arts and Humanities

TAM 101A

Course ID: 127491
2025 Fall (4 Credits)

Elementary Tamil

MWF 0900 AM - 1015 AM

Jonathan Ripley

An interactive introduction to Tamil, the oldest of the Dravidian languages of South India with a literary tradition that spans millennia. It is designed for students with no previous background in Tamil and progressively introduces speaking, listening, reading and writing using textual and audio-visual materials. After taking the TAM 101 series, students will have a working knowledge of the fundamental grammatical structures necessary to navigate colloquial and literary modern Tamil and to begin reading older Tamil literature as well. No auditors will be permitted. Enrolled students must take the course for a letter grade.

Course Note: Not open to auditors.

FAS: Meets Foreign Lang Req: Tamil

FAS Divisional Distribution: None

TAM 101B

Course ID: 127492
2026 Spring (4 Credits)

Elementary Tamil

MWF 0900 AM - 1015 AM

Jonathan Ripley

Continuation of Tamil 101a. An interactive introduction to Tamil, the oldest of the Dravidian languages of South India with a literary tradition that spans millennia. It is designed for students with no previous background in Tamil and progressively introduces speaking, listening, reading and writing using textual and audio-visual materials. After taking the TAM 101 series, students will have a working knowledge of the fundamental grammatical structures necessary to navigate colloquial and literary modern Tamil and to begin reading older Tamil literature as well. No auditors will be permitted. Enrolled students must take the course for a letter grade.

Course Note: Not open to auditors.

FAS: Meets Foreign Lang Req: Tamil

FAS Divisional Distribution: None

TAM 102A

Course ID: 127493
2025 Fall (4 Credits)

Intermediate Tamil

MWF 1030 AM - 1145 AM

Jonathan Ripley

A continuation of TAM 101A and TAM 101B, this course is focused on consolidating students' grasp of fundamental grammatical structures, as well as expanding their Tamil reading, writing, and speaking skills. Students actively engage with a variety of textual and audiovisual materials and conduct regular class presentations in Tamil. After taking the TAM 102 series, students will be able to understand Tamil materials of increasing complexity and be able to communicate with greater ease. No auditors will be permitted. Enrolled students must take the course for a letter grade.

Course Note: Not open to auditors.

FAS Divisional Distribution: None

HCOL: Foreign Lang Citation: Tamil

FAS: Meets Foreign Lang Req: Tamil

TAM 102B

Course ID: 127494
2026 Spring (4 Credits)

Intermediate Tamil

MWF 1030 AM - 1145 AM

Instructor Permission Required

Jonathan Ripley

A continuation of TAM 101A and TAM 101B, this course is focused on consolidating students' grasp of fundamental grammatical structures, as well as expanding their Tamil reading, writing, and speaking skills. Students actively engage with a variety of textual and audiovisual materials and conduct regular class presentations in Tamil. After taking the TAM 102 series, students will be able to understand Tamil materials of increasing complexity and be able to communicate with greater ease. No auditors will be permitted. Enrolled students must take the course for a letter grade.

Course Note: Not open to auditors.

HCOL: Foreign Lang Citation: Tamil

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Tamil

TAM 103BR

Course ID: 127496
2026 Spring (4 Credits)

Advanced Tamil

MWF 0130 PM - 0245 PM

Instructor Permission Required

Jonathan Ripley

Continuation of Tamil 102. Covers topics of advanced grammar and is designed to further develop proficiency in speaking, listening, reading, and writing. Texts include modern literature, classical poetry, devotional literature, epic literature, and selections from minor literary forms. Films and other audiovisual materials will be used as well. No auditors will be permitted. Enrolled students must take the course for a letter grade.

Course Note: Not open to auditors.

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Tamil

Thai

THI 101A

Course ID: 107892
2025 Fall (4 Credits)

Introductory Thai I

TR 0130 PM - 0245 PM

Instructor Permission Required

Martha Selby

This course introduces the basic grammatical structures of modern Thai, enabling students to read and produce simple, standard prose as well as engage in basic conversation by the end of the first year. Thai is taught with a concern for the cultural context in which this language is spoken and written.

Course Note: Not open to auditors. Cannot be taken Pass/Fail.

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Thai

THI 101B

Course ID: 107893
2026 Spring (4 Credits)

Introductory Thai II

No meeting time listed

Instructor Permission Required

Martha Selby

Continuation of Thai 101a.

Course Note: Not open to auditors. Cannot be taken Pass/Fail.

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Thai

THI 102A

Course ID: 124031
2025 Fall (4 Credits)

Intermediate Thai I

TR 0430 PM - 0545 PM

Instructor Permission Required

Martha Selby

A two-term continuation of the study of Thai at the intermediate level. Students build on acquired proficiency at the elementary level (or its equivalent) towards achieving more fluency in reading, speaking, writing, and listening comprehension of standard Thai, as well as in cultural-social skills. Introduces new vocabulary and grammar through communicative tasks and text readings, mainly using the situational-communicative methodology.

Course Note: Not open to auditors. Cannot be taken Pass/Fail.

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

Requires: Prerequisite: Tibetan 101a AND Tibetan 101b

FAS: Meets Foreign Lang Req: Thai

HCOL: Foreign Lang Citation: Thai

THI 102B

Intermediate Thai II

No meeting time listed

Martha Selby

Continuation of Thai 102a

Course Note: Not open to auditors; cannot be taken Pass/Fail.

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

Requires: Prerequisite: Thai 102a

FAS: Meets Foreign Lang Req: Thai

HCOL: Foreign Lang Citation: Thai

FAS Divisional Distribution: None

Course ID: 113391
2026 Spring (4 Credits)

Instructor Permission Required

THI 103AR

Readings in Thai I

TR 1200 PM - 0115 PM

Martha Selby

This course is designed to focus on reading and comprehension. Selected readings will be both for academic purposes and for pleasure. Students will read newspaper and magazine articles; short stories; and passages covering topics such as history, science, politics, medicine, technology and more. This reading course will help students become more proficient with nuanced/implicit meanings, bolster vocabulary and acquire familiarity with various professional jargon.

Course Note: Not open to auditors. Cannot be taken Pass/Fail.

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

HCOL: Foreign Lang Citation: Thai

FAS Divisional Distribution: Arts and Humanities

FAS: Meets Foreign Lang Req: Thai

Course ID: 121497
2025 Fall (4 Credits)

Instructor Permission Required

THI 103BR

Readings in Thai II

MW 0900 AM - 1015 AM

Martha Selby

Continuation of Thai 103ar.

Course Note: Not open to auditors. Cannot be taken Pass/Fail.

Languages in the tutorial program are offered when there is demonstrated curricular or academic need on the part of the student, and when suitable instruction can be arranged. Please contact the department to learn more.

First Meeting times will be posted on the Department of South Asian Studies' website in shortly before the term begins: sas.fas.harvard.edu

FAS Divisional Distribution: Arts and Humanities

HCOL: Foreign Lang Citation: Thai

FAS: Meets Foreign Lang Req: Thai

Course ID: 121498
2026 Spring (4 Credits)

Instructor Permission Required

THI 300

Reading and Research

No meeting time listed

Martha Selby

Course ID: 115774

2025 Fall (4 Credits)

Instructor Permission Required

THI 300

Reading and Research

No meeting time listed

Jay Jasanoff

Course ID: 115774

2026 Spring (4 Credits)

Instructor Permission Required

Filipino Tagalog

FT 101A

Elementary Filipino (Tagalog) I

MTWR 0900 AM - 1015 AM

Lady Aileen Orsal

Course ID: 223824
2025 Fall (4 Credits)

Instructor Permission Required

This course is designed to equip learners of the basic skills in listening, reading, writing and speaking in Filipino, the national language of the Philippines. Along with vocabulary and basic grammar to facilitate language learning, this beginner's course will also include introduction to some concepts relevant to Philippine culture adding context to the linguistic inputs in the discussion. Utilizing a combination of communicative, functional-situational, and task-based instruction, this course will capacitate learners to express themselves in the target language and understand basic texts in familiar settings of family, school, and community. It will also help them participate in conversations relevant to daily lives or simple transactions. No auditors will be permitted. Enrolled students must take the course for a letter grade.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Filipino

FT 101B

Elementary Filipino (Tagalog) II

MTWR 0900 AM - 1015 AM

Lady Aileen Orsal

Course ID: 223825
2026 Spring (4 Credits)

Instructor Permission Required

This course is designed to equip learners of the basic skills in listening, reading, writing and speaking in Filipino, the national language of the Philippines. Along with vocabulary and basic grammar to facilitate language learning, this beginner's course will also include introduction to some concepts relevant to Philippine culture adding context to the linguistic inputs in the discussion. Utilizing a combination of communicative, functional-situational, and task-based instruction, this course will capacitate learners to express themselves in the target language and understand basic texts in familiar settings of family, school, and community. It will also help them participate in conversations relevant to daily lives or simple transactions. No auditors will be permitted. Enrolled students must take the course for a letter grade.

FAS: Meets Foreign Lang Req: Filipino

FAS Divisional Distribution: None

FT 102A

Intermediate Filipino (Tagalog) I

MTWR 1200 PM - 0115 PM

Lady Aileen Orsal

Course ID: 223827
2025 Fall (4 Credits)

Instructor Permission Required

This course is designed to increase the communicative competency of the learners in Filipino, the national language of the Philippines. This aims to further develop the understanding of the students on the more complex sentence structures along with a range of texts relevant to Philippine culture, traditions, history, and other contemporary topics in the Filipino society. Building up on some basic skills acquired in the previous Filipino language courses or through exposure and experience as in the case of heritage learners, this course equips students in addressing daily needs with the use of the target language through a mix of communicative, content-based, task-based, and other relevant approaches. It also capacitates the students in participating in social transactions and in a variety of communicative situations ensuring that the language skills learned will be used for practical purposes. If an interested student has not yet taken a year of introductory Filipino class, a placement test administered by the instructor is needed before enrolling to ensure that the student meets the qualifications for the intermediate class. No auditors will be permitted. Enrolled students must take the course for a letter grade.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Filipino

FT 102B

Intermediate Filipino (Tagalog) II

TWRF 0430 PM - 0545 PM

Lady Aileen Orsal

Course ID: 223828

2026 Spring (4 Credits)

Instructor Permission Required

This course is designed to increase the communicative competency of the learners in Filipino, the national language of the Philippines. This aims to further develop the understanding of the students on the more complex sentence structures along with a range of texts relevant to Philippine culture, traditions, history, and other contemporary topics in the Filipino society. Building up on some basic skills acquired in the previous Filipino language courses or through exposure and experience as in the case of heritage learners, this course equips students in addressing daily needs with the use of the target language through a mix of communicative, content-based, task-based, and other relevant approaches. It also capacitates the students in participating in social transactions and in a variety of communicative situations ensuring that the language skills learned will be used for practical purposes. If an interested student has not yet taken a year of introductory Filipino class, a placement test administered by the instructor is needed before enrolling to ensure that the student meets the qualifications for the intermediate class. No auditors will be permitted. Enrolled students must take the course for a letter grade.

FAS Divisional Distribution: None

FAS: Meets Foreign Lang Req: Filipino

FT 103AR

Advanced Filipino (Tagalog)

MTWR 0600 PM - 0715 PM

Lady Aileen Orsal

Course ID: 223826

2025 Fall (4 Credits)

Instructor Permission Required

This course is designed to enhance the communicative competence of the students in the advanced level. Aside from being equipped to understand longer texts in the target language, this course will also help students to sustain conversations in Filipino and demonstrate ability to write reports and reviews on topics in various formats. They will be guided in making formal and informal presentations using appropriate language that is considered culturally acceptable in the target culture. At the end of the course, the students are expected to be able to not only perform communicative tasks with fluency but also to express opinions on a variety of social issues relevant to Philippine context and the global Filipino perspective. If a student has not yet taken Filipino language classes in the previous semesters but is exposed and has knowledge of the language as in the case of heritage learners, a placement test administered by the instructor is needed before enrolling to ensure that the student meets the qualifications for the advanced class. No auditors will be permitted. Enrolled students must take the course for a letter grade.

FAS: Meets Foreign Lang Req: Filipino

FAS Divisional Distribution: Arts and Humanities

Special Concentrations

Special Concentrations

SPC-CONC 91R

Supervised Reading and Research

No meeting time listed

Lisa Laskin

Course ID: 111972

2025 Fall (4 Credits)

Instructor Permission Required

Open to Special Concentrations concentrators who wish to pursue supervised study for graded credit in an area not covered by courses currently offered by regular Departments and Committees. Students must secure the written approval of the faculty member with whom they wish to study as well as the signature of the Faculty Adviser and the Director of Studies of Special Concentrations.

FAS Divisional Distribution: None

SPC-CONC 91R

Supervised Reading and Research

Course ID: 111972

2026 Spring (4 Credits)

No meeting time listed

Lisa Laskin

Open to Special Concentrations concentrators who wish to pursue supervised study for graded credit in an area not covered by courses currently offered by regular Departments and Committees. Students must secure the written approval of the faculty member with whom they wish to study as well as the signature of the Faculty Adviser and the Director of Studies of Special Concentrations.

FAS Divisional Distribution: None

SPC-CONC 96R

Senior Projects

No meeting time listed

Lisa Laskin

Course ID: 123332
2025 Fall (4 Credits)

Instructor Permission Required

Designed for seniors in their final term completing their senior project to meet the Basic (rather than Honors) requirements for concentration. May be repeated with the permission of the Director of Studies and the Faculty Adviser. Students must secure the written approval of the faculty member with whom they wish to study as well as the approval of the Faculty Adviser and the Director of Studies of Special Concentrations.

FAS Divisional Distribution: None

SPC-CONC 96R

Senior Projects

No meeting time listed

Lisa Laskin

Course ID: 123332
2026 Spring (4 Credits)

Designed for seniors in their final term completing their senior project to meet the Basic (rather than Honors) requirements for concentration. May be repeated with the permission of the Director of Studies and the Faculty Adviser. Students must secure the written approval of the faculty member with whom they wish to study as well as the approval of the Faculty Adviser and the Director of Studies of Special Concentrations.

FAS Divisional Distribution: None

SPC-CONC 97R

Tutorial - Sophomore Year

No meeting time listed

Lisa Laskin

Course ID: 111843
2025 Fall (4 Credits)

Instructor Permission Required

Individual tutorial arranged by the student in consultation with the Faculty Adviser and tutor.

Course Note: Ordinarily taken by honors sophomores.

FAS Divisional Distribution: None

SPC-CONC 97R

Tutorial - Sophomore Year

No meeting time listed

Lisa Laskin

Course ID: 111843
2026 Spring (4 Credits)

Individual tutorial arranged by the student in consultation with the Faculty Adviser and tutor.

Course Note: Ordinarily taken by honors sophomores.

FAS Divisional Distribution: None

SPC-CONC 98R

Tutorial - Junior Year

Course ID: 111705
2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Lisa Laskin

Successful completion of two terms of Special Concentrations 98r are ordinarily required of all honors concentrators in their junior year. Exceptions to this can only be granted with the consent of the Faculty Adviser and the Director of Studies of Special Concentrations.

FAS Divisional Distribution: None

SPC-CONC 98R

Course ID: 111705

Tutorial - Junior Year

2026 Spring (4 Credits)

No meeting time listed

Lisa Laskin

Successful completion of two terms of Special Concentrations 98r are ordinarily required of all honors concentrators in their junior year. Exceptions to this can only be granted with the consent of the Faculty Adviser and the Director of Studies of Special Concentrations.

FAS Divisional Distribution: None

SPC-CONC 99A

Course ID: 112856

Tutorial - Senior Year

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Lisa Laskin

Ordinarily taken by honors seniors as a full course series. With the consent of the Faculty Adviser and the Director of Studies of Special Concentrations, students may enroll in either 99A or 99B alone.

Course Note: Part one of a two-part series.

Full Year Course: Divisible Course

FAS Divisional Distribution: None

SPC-CONC 99A

Course ID: 112856

Tutorial - Senior Year

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Lisa Laskin

Ordinarily taken by honors seniors as a full course series. With the consent of the Faculty Adviser and the Director of Studies of Special Concentrations, students may enroll in either 99A or 99B alone.

Course Note: Part one of a two-part series.

Full Year Course: Divisible Course

FAS Divisional Distribution: None

SPC-CONC 99B

Course ID: 159856

Tutorial - Senior Year

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Lisa Laskin

Ordinarily taken with 99A by honors seniors as a course series. With the consent of the Faculty Adviser and the Director of Studies of Special Concentrations, students may enroll in either 99A or 99B alone.

Course Note: Part two of a two-part series.

Full Year Course: Divisible Course

FAS Divisional Distribution: None

SPC-CONC 99B

Course ID: 159856
2025 Fall (4 Credits)

Tutorial - Senior Year

No meeting time listed

Instructor Permission Required

Lisa Laskin

Ordinarily taken with 99A by honors seniors as a course series. With the consent of the Faculty Adviser and the Director of Studies of Special Concentrations, students may enroll in either 99A or 99B alone.

Course Note: Part two of a two-part series.

Full Year Course: Divisible Course

FAS Divisional Distribution: None

Statistics

Statistics

STAT 91R

Course ID: 119002
2025 Fall (4 Credits)

Supervised Reading and Research

No meeting time listed

Instructor Permission Required

Kevin A. Rader

Supervised reading and research in an area of statistics agreed upon by the student and a faculty adviser.

Course Note: Normally may not be taken more than twice; may be counted once for concentration credit in Statistics, as a related course; may be taken in either term; for further information, consult Co-Directors of Undergraduate Studies.

FAS Divisional Distribution: Science & Engineering & Applied Science

STAT 91R

Course ID: 119002
2026 Spring (4 Credits)

Supervised Reading and Research

No meeting time listed

Kevin A. Rader

Supervised reading and research in an area of statistics agreed upon by the student and a faculty adviser.

Course Note: Normally may not be taken more than twice; may be counted once for concentration credit in Statistics, as a related course; may be taken in either term; for further information, consult Co-Directors of Undergraduate Studies.

FAS Divisional Distribution: Science & Engineering & Applied Science

STAT 99R

Course ID: 159964
2025 Fall (4 Credits)

Tutorial - Senior Year

F 1030 AM - 1145 AM

Instructor Permission Required

Alex Young

Supervised research for the senior thesis, under the mentorship of a Harvard faculty member.

Course Note: May not be taken more than twice; may be counted once for concentration credit in Statistics, as a related course. For further information, consult Co-Directors of Undergraduate Studies.

FAS Divisional Distribution: Science & Engineering & Applied Science

STAT 99R

Course ID: 159964
2026 Spring (4 Credits)

Tutorial - Senior Year

F 1030 AM - 1145 AM

Instructor Permission Required

Alex Young

Supervised research for the senior thesis, under the mentorship of a Harvard faculty member.

Course Note: May not be taken more than twice; may be counted once for concentration credit in Statistics, as a related course. For further information, consult Co-Directors of Undergraduate Studies.

FAS Divisional Distribution: Science & Engineering & Applied Science

STAT 100

Introduction to Statistics and Data Science

MW 1030 AM - 1145 AM

James Xenakis, Julie Vu

Introduction to key ideas underlying statistical and quantitative reasoning, and the practice of data science.

Course topics include methods for organizing, summarizing and visualizing data; basics of probability; elements of study design; data ethics; parameter estimation and hypothesis testing in one- and two-sample problems; regression with one or more predictors; and basic analysis of categorical data. Students will learn a reproducible workflow for analyzing data in the statistics package R. No prior statistics or computing knowledge is assumed.

Course Note: Anti-Req: this course may not be taken for credit if STAT 102, STAT 104, STAT 111, STAT 139, STAT 149, or STAT 244 already complete.

This course requires students to choose timed sections during registration.

Anti-Req: this course may not be taken for credit if STAT 111, STAT 139, STAT 149, or STAT 244 already complete.

Requires: Anti-Req: may not be taken for credit if STAT 111, STAT 139, STAT 149 or STAT 244 already complete.

FAS Divisional Distribution: Science & Engineering & Applied Science

Quantitative Reasoning with Data: Yes

STAT 100

Introduction to Statistics and Data Science

No meeting time listed

James Xenakis

Course ID: 113431

2026 Spring (4 Credits)

Instructor Permission Required

Introduction to key ideas underlying statistical and quantitative reasoning, and the practice of data science.

Course topics include methods for organizing, summarizing and visualizing data; basics of probability; elements of study design; data ethics; parameter estimation and hypothesis testing in one- and two-sample problems; regression with one or more predictors; and basic analysis of categorical data. Students will learn a reproducible workflow for analyzing data in the statistics package R. No prior statistics or computing knowledge is assumed.

Course Note: This course requires students to choose timed sections during registration.

Requires: Anti-requisite: Cannot be taken for credit if STAT 102, STAT 104, STAT 111, STAT 139, STAT 149, or STAT 244 already complete.

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

STAT 102

Introduction to Statistics for Life Sciences

No meeting time listed

Kevin A. Rader

Course ID: 110094

2026 Spring (4 Credits)

Introduces the basic concepts of probability, statistics and statistical computing used in medical and biological research. The emphasis is on data analysis and visualization instead of theory. Designed for students who intend to concentrate in a discipline from the life sciences.

Requires: Cannot be taken for credit if STAT 100, STAT 104, STAT 111, STAT 139, STAT 149, or STAT 244 already complete.

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

Introduction to Quantitative Methods for Economics

MW 0130 PM - 0245 PM

Kevin A. Rader

In a world where data is growing larger and more complex, it can be a challenge to turn an abundance of information into the knowledge from which sound decisions can be made. As a discipline, statistics aims to bridge the gap between knowledge and information. This course will motivate statistical methods through data analysis and visualization, in addition to discussing the underlying theory. We will discuss topics such as study design, descriptive statistics, probability, sampling distributions, hypothesis testing, linear regression, and Bayesian inference. A wide variety of applications from the economic and social sciences will be highlighted along with examples from biology, sports, politics, and more. Students with prior exposure to introductory statistics will find some overlap of material but be exposed to new applications and learn more advanced modeling techniques. This course makes use of the statistical programming language R, but no prior knowledge of computer science is required.

Course Note: Anti-Req: may not be taken for credit if STAT 100, STAT 102, STAT 111, STAT 139, STAT 149, or STAT 244 already complete.

Requires: Anti-Req: may not be taken for credit if STAT 111, STAT 139, STAT 149 or STAT 244 already complete.

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

STAT 109ACourse ID: 203101
2025 Fall (4 Credits)**Data Science 1: Introduction to Data Science**

MW 1030 AM - 1145 AM

Pavlos Protopapas, Kevin A. Rader

Data Science 1 is the first half of a one-year introduction to data science. The course will focus on the analysis of messy, real life data to perform predictions using statistical and machine learning methods. Material covered will integrate the five key facets of an investigation using data: (1) data collection - data wrangling, cleaning, and sampling to get a suitable data set; (2) data management - accessing data quickly and reliably; (3) exploratory data analysis - generating hypotheses and building intuition; (4) prediction or statistical learning; and (5) communication - summarizing results through visualization, stories, and interpretable summaries. Part one of a two part series. The curriculum for this course builds throughout the academic year. Students are strongly encouraged to enroll in both the fall and spring course within the same academic year.

Course Note: Only one of the following can be taken for credit: Stat 109a, Stat 121a, CS 109a, AC 209a.

Programming knowledge at the level of CS 50 or above, and statistics knowledge at the level of Stat 100 or above (Stat 110 recommended).

Requires: Not to be taken in addition to Computer Science 1090A or Applied Computation 209A.

FAS Divisional Distribution: Science & Engineering & Applied Science

Full Year Course: Divisible Course

Quantitative Reasoning with Data: Yes

STAT 109BCourse ID: 203102
2026 Spring (4 Credits)**Data Science 2: Advanced Topics in Data Science**

No meeting time listed

Pavlos Protopapas, Alex Young

Data Science 2 is the second half of a one-year introduction to data science. Building upon the material in Data Science 1, the course introduces advanced methods for statistical modeling, representation, and prediction. Topics include multiple deep learning architectures such as CNNs, RNNs, transformers, language models, autoencoders, and generative models as well as basic Bayesian methods, and unsupervised learning. Students are strongly encouraged to enroll in both the fall and spring course within the same academic year. Part two of a two-part series.

Course Note: Only one of the following can be taken for credit: Stat 109b, Stat 121b, CS 109b, AC 209b.

CS 109a, AC 209a, Stat 109a, or Stat 121a required.

Requires: Requisite: (Must take CS 1090A OR APCOMP 209A OR STAT 121A before taking STAT 109B) AND (Cannot take STAT 109B, if already taken STAT 121 OR CS 109B OR APCOMP 209B)

Full Year Course: Divisible Course

STAT 110

Introduction to Probability

TR 0130 PM - 0245 PM

Joseph Blitzstein

A comprehensive introduction to probability. Basics: sample spaces and events, conditional probability, and Bayes' Theorem. Univariate distributions: density functions, expectation and variance, Normal, t, Binomial, Negative Binomial, Poisson, Beta, and Gamma distributions. Multivariate distributions: joint and conditional distributions, independence, transformations, and Multivariate Normal. Limit laws: law of large numbers, central limit theorem. Markov chains: transition probabilities, stationary distributions, convergence.

Math 1b or equivalent or above

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 110766
2025 Fall (4 Credits)

STAT 111

Introduction to Statistical Inference

No meeting time listed

Joseph Blitzstein, Neil Shephard

Introduction to the principles and methods of statistical inference, as a framework for achieving the three main goals of statistics: describing data and a phenomenon of interest, predicting one variable using another variable, and drawing causal conclusions about the effect of one variable on another. Frequentist and Bayesian perspectives on model building, learning from data, and making decisions under uncertainty. A three-pronged approach is emphasized, combining theory, simulation, and data.

STAT 110

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 111036
2026 Spring (4 Credits)

STAT 117

Data Analysis in Modern Biostatistics

No meeting time listed

Giovanni Parmigiani

An Introduction to applied biostatistics via case studies. The course is based on a single large collection of gene expression data sets, which will be analyzed from many perspectives. Students will be engaged in two projects, class and canvas discussions and a final individual project.

Course Note: There is a cap of 30 students for this course. Preference is given to Statistics concentrators; all students wishing to take the course must send a request along with a list of statistics/computer science courses already completed to the professor at gp@jimmy.harvard.edu. Please put Stat 117 in the subject line of the email.

Prerequisites: Stat 110 and (AP Stat or 102 or 104) and 111 and 139. Recommended: 115

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 203104
2026 Spring (4 Credits)

Instructor Permission Required

STAT 131 (1)

Introduction to Time Series & Prediction

No meeting time listed

Zheng Ke

Introduction to time series models and forecasting. Introduction to classical time series model: autoregressive, moving average, ARIMA models. Some concepts from stochastic processes: martingales, stationarity, Gaussian processes, Brownian motions, ergodic theorems. Some aspects of advanced time series: hidden Markov models, state space models, filtering, smoothing, Kalman filters, sequential Monte Carlo methods.

Course ID: 117131
2026 Spring (4 Credits)

Statistics 111 and 139 or equivalent.

FAS Divisional Distribution: Science & Engineering & Applied Science

Quantitative Reasoning with Data: Yes

STAT 139

Introduction to Linear Models

TR 1030 AM - 1145 AM

James Xenakis

An in-depth introduction to statistical methods with linear models and related methods. Topics include group comparisons (t-based methods, non-parametric methods, bootstrapping, analysis of variance), linear regression models and their extensions (ordinary least squares, ridge, LASSO, weighted least squares, multi-level models), model checking and refinement, model selection, cross-validation. The probabilistic basis of all methods will be emphasized.

Statistics 110 and Math 21a and 21b or equivalent (Math 21b can be taken concurrently). Statistics 111 and some familiarity with R are recommended.

FAS Divisional Distribution: Science & Engineering & Applied Science

Quantitative Reasoning with Data: Yes

STAT 143 (LEC)

Sports Analytics

No meeting time listed

Mark Glickman

Introduction to statistical approaches and methods for analyzing sports data. Students will be exposed to a variety of topics in sports analytics, including probability modeling of game outcomes for prediction and measuring ability, rating systems, valuing game states via Markovian analyses, optimal decision-making, tournament and league scheduling, streaks and the hot hand, and analysis of player tracking data. Emphasis will be on analyzing data and obtaining practical and interpretable results.

Prerequisites: Statistics 110, 111 and 139. Experience using R is required.

FAS Divisional Distribution: Science & Engineering & Applied Science

STAT 149

Introduction to Generalized Linear Models

No meeting time listed

Mark Glickman

Sequel to Statistics 139, emphasizing common methods for analyzing continuous non-normal and categorical data. Topics include logistic regression, log-linear models, multinomial logit models, proportional odds models for ordinal data, Gamma and inverse-Gaussian models, over-dispersion, analysis of deviance, model selection and criticism, model diagnostics, and an introduction to non-parametric regression methods.

Course Note: Examples will be drawn from several fields, particularly from biology and social sciences.

Statistics 139 or with permission of instructor.

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

STAT 151 (01)

Multilevel and Longitudinal Models

TR 0130 PM - 0245 PM

Luke Miratrix

Data often have structure that needs to be modeled explicitly. For example, when investigating students'

Course ID: 110751

2025 Fall (4 Credits)

Course ID: 217523

2026 Spring (4 Credits)

Course ID: 118974

2026 Spring (4 Credits)

Course ID: 160736

2025 Fall (4 Credits)

outcomes we need to account for the fact that students are nested inside classes that are in turn nested inside schools. If we are watching students develop over time, we need to account for the dependence of measurements across time. If we do not, our inferences will tend to be overly optimistic and wrong. The course provides an overall framework, the multilevel and generalized multilevel (hierarchical) model, for thinking about and analyzing these forms of data. We will focus on specific versions of these tools for the most common forms of longitudinal and clustered data. This course will focus on applied work, using real data sets and the statistical software R. R will be specifically taught and supported. While the primary focus will be on the linear model with continuous outcomes (i.e., the classic regression framework) we will also discuss binary, categorical, and ordinal outcomes. We will emphasize how to think about the applicability of these methods, how they might fail, and what one might do to protect oneself in such circumstances. Applications of hierarchical (multi-level) models will include the canonical specific cases of random-slope, random-intercept, mixed effect, crossed effect, marginal, and growth-curve models.

Permission of instructor required. Prerequisite: S-052, Stat 139, or an equivalent. Jointly-offered in the Graduate School of Education.

Quantitative Reasoning with Data: Yes

FAS Divisional Distribution: Science & Engineering & Applied Science

STAT 171

Introduction to Stochastic Processes

Course ID: 113721
2026 Spring (4 Credits)

No meeting time listed

Subhabrata Sen

An introductory course in stochastic processes. Topics include Markov chains, branching processes, Poisson processes, birth and death processes, Brownian motion, martingales, introduction to stochastic integrals, and their applications.

Statistics 110 and Mathematics 21a and 21b, or equivalent

FAS Divisional Distribution: Science & Engineering & Applied Science

STAT 175 (1)

Statistics and Data Science of Networks

Course ID: 221694
2026 Spring (4 Credits)

No meeting time listed

Morgane Austern

An advanced undergraduate class that will explore how one can use statistics and machine learning to learn on graph and network data. This type of data is ubiquitous with examples that can be found in social studies, in biology, in economy, in chemistry etc. Examples of topics include: community detection, link prediction, node classification, graph embedding methods, graph models, stochastic block models, and fairness.

FAS Divisional Distribution: Science & Engineering & Applied Science

STAT 185

Introduction to Unsupervised Learning

Course ID: 213478
2025 Fall (4 Credits)

TR 1030 AM - 1145 AM

Alex Young

An introductory course in unsupervised learning with an emphasis on dimensionality reduction and clustering. Topics include principal component analysis, nonnegative matrix factorization, and spectral clustering. In this course we will study these techniques and others with a focus on high-dimensional geometry and insights provided by linear algebra. Numerous data example will be included throughout the course.

Required courses: STAT110; MATH 21a and 21b or equivalent. Basics of R programming and LaTeX are recommended

Requires: Prerequisite: STAT 110 AND MATH 21A AND MATH 21B

FAS Divisional Distribution: Science & Engineering & Applied Science

STAT 210

Course ID: 111696
2025 Fall (4 Credits)

Probability I

TR 1030 AM - 1145 AM

Joseph Blitzstein

Random variables, measure theory, reasoning by representation. Families of distributions: Multivariate Normal, conjugate, marginals, mixtures. Conditional distributions and expectation. Convergence, laws of large numbers, central limit theorems, and martingales.

Probability at the level of Stat 110, multivariable calculus, and linear algebra are required; real analysis at the level of Math 112 is recommended.

FAS Divisional Distribution: Science & Engineering & Applied Science

STAT 211

Course ID: 111130
2025 Fall (4 Credits)

Statistical Inference I

MW 0430 PM - 0545 PM

Morgane Austern

Foundations of frequentist and Bayesian inference, and decision theory. Likelihood, sufficiency, and ancillarity. Point estimation, unbiasedness, maximum likelihood, method of moments, minimum-variance. Parametric and non-parametric hypothesis testing, confidence intervals. Selective inference: multiple testing, familywise error rate, false discovery rate. Bayesian inference, conjugate priors, credible intervals. Admissibility, Stein's phenomenon, empirical Bayes. Time permitting: post-selection inference and the bootstrap.

Course Note: Formerly Stat 211a.

Required: Statistics 110 and 111 or equivalents. Recommended: comfort with proof-based math, especially real analysis (e.g., as provided by Stat 210).

FAS Divisional Distribution: Science & Engineering & Applied Science

STAT 212

Course ID: 156452
2026 Spring (4 Credits)

Probability II

No meeting time listed

Subhabrata Sen

A second graduate course in Probability: Advanced Martingales, Exchangeability and De-Finetti's Theorem, Brownian motion: construction, properties, path regularity, Strong Markov property, Ito formula, general theory for stochastic processes (existence, continuous modifications), concentration of measure and Stein method.

Course Note: Prerequisite: STAT 210

FAS Divisional Distribution: Science & Engineering & Applied Science

STAT 213

Course ID: 159802
2026 Spring (4 Credits)

Statistical Inference II

No meeting time listed

Pragya Sur

Stat 213 will build upon Stat 211, providing tools to study and validate statistical methods. A primary focus will be large-sample theory, specifically, inference for M- and Z- estimators under well-specified and mis-specified models, quadratic mean differentiability and its implications, local asymptotic analysis, contiguity, LeCam's lemmas, asymptotic analysis of tests including optimality, asymptotic normality of U-statistics, Bayesian large sample theory: consistency, Bernstein-von-Mises theorem; time and interest permitting, we will cover special topics in high-dimensional inference.

Stat 210, 211, 212 (Stat 210b)

FAS Divisional Distribution: Science & Engineering & Applied Science

Time Series

MW 1030 AM - 1145 AM

Neil Shephard

Time series centers around three main goals: describing data (e.g. seasonal adjustment, detrending), predicting future variables given the past data, and drawing causal conclusions about the effect of changing one variable on the future path of another. We will delve into principles and methods for all three of these goals. Due to the complexity of these problems, a three-pronged approach is often needed, combining theory, simulation, and data. Throughout problems from Economics and Finance will be used to illustrate time series methods. Likely topics covered include: martingales, theory of prediction, linear models and projection, control, reinforcement learning, causality (e.g. SVAR, local projection), hidden Markov models, stationarity and non-stationarity, spectral and wavelet methods.

Probability theory, Linear algebra, Multivariate Calculus, Statistical Inference.

FAS Divisional Distribution: Social Sciences

Linear and Generalized Linear Models

MW 0900 AM - 1015 AM

Mark Glickman

The theory and application of linear and generalized linear models, including linear models for normal responses, least-squares theory and inference, models for binary and multinomial data, log-linear models for count data, overdispersion and quasi-likelihood methods, model selection, and computational issues. Emphasizes the theory and development of methodology.

Strong statistics background required (at the second-year graduate level), Statistics 210 may be taken concurrently, Statistics 211 desirable.

FAS Divisional Distribution: Science & Engineering & Applied Science

Causal Inference with Applications

MW 0300 PM - 0415 PM

Kosuke Imai

Substantive questions in empirical scientific and policy research are often causal. Does voter outreach increase turnout? Are job training programs effective? Can a universal health insurance program improve people's health? This class will introduce students to both statistical theory and applications of causal inference.

As theoretical frameworks, we will discuss potential outcomes, causal graphs, randomization and model-based inference, sensitivity analysis, and partial identification. We will also cover various methodological tools including randomized experiments, regression discontinuity designs, matching, regression, instrumental variables, difference-in-differences, and dynamic causal models. The course will draw upon examples from political science, economics, education, public health, and other disciplines.

Stat 110, 111, and 139 or equivalent (probability, statistical theory, and linear models). Students who took Stat 186 in 2018 Fall and 2019 Fall should not enroll in this course.

FAS Divisional Distribution: Science & Engineering & Applied Science

Random High-Dimensional Optimization: Landscapes and Algorithmic Barriers

MW 0130 PM - 0245 PM

Mark Sellke

This course will focus on paradigmatic optimization problems with random objective functions. We will develop the tools needed to understand the geometric behavior of these complex random landscapes, and investigate how these behaviors are linked to the success and failure of efficient algorithms. Possible topics will include constraint satisfaction problems and spin glasses, the overlap gap property, critical point complexity, and implications for Markov chain sampling.

Required: STAT 210, STAT 212.

FAS Divisional Distribution: Science & Engineering & Applied Science

STAT 300HFRA
Research in Statistics
R 1200 PM - 0115 PM
Mark Glickman

Course ID: 110392
2025 Fall (2 Credits)
Instructor Permission Required

STAT 300HFRB
Research in Statistics
R 1200 PM - 0115 PM
Mark Glickman

Course ID: 160669
2026 Spring (2 Credits)

STAT 301
Special Reading and Research
No meeting time listed
Morgane Austern

Course ID: 113943
2025 Fall (4 Credits)
Instructor Permission Required

STAT 301
Special Reading and Research
No meeting time listed
Kevin A. Rader

Course ID: 113943
2026 Spring (4 Credits)
Instructor Permission Required

STAT 301 (002)
Special Reading and Research
No meeting time listed
Joseph Blitzstein

Course ID: 113943
2025 Fall (4 Credits)
Instructor Permission Required

STAT 301 (002)
Special Reading and Research
No meeting time listed
Kelly McConville

Course ID: 113943
2026 Spring (4 Credits)
Instructor Permission Required

STAT 301 (003)
Special Reading and Research
No meeting time listed
Mark Glickman

Course ID: 113943
2025 Fall (4 Credits)
Instructor Permission Required

STAT 301 (003)
Special Reading and Research
No meeting time listed
Mark Glickman

Course ID: 113943
2026 Spring (4 Credits)
Instructor Permission Required

STAT 301 (004)
Special Reading and Research
No meeting time listed
Kosuke Imai

Course ID: 113943
2025 Fall (4 Credits)
Instructor Permission Required

STAT 301 (004)	Course ID: 113943
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Joseph Blitzstein	
STAT 301 (005)	Course ID: 113943
Special Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Lucas Janson	
STAT 301 (005)	Course ID: 113943
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Zheng Ke	
STAT 301 (006)	Course ID: 113943
Special Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Sham Kakade	
STAT 301 (006)	Course ID: 113943
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Alex Young	
STAT 301 (007)	Course ID: 113943
Special Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Zheng Ke	
STAT 301 (007)	Course ID: 113943
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Pragya Sur	
STAT 301 (008)	Course ID: 113943
Special Reading and Research	2025 Fall (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Samuel Kou	
STAT 301 (008)	Course ID: 113943
Special Reading and Research	2026 Spring (4 Credits)
<i>No meeting time listed</i>	<i>Instructor Permission Required</i>
Morgane Austern	
STAT 301 (009)	Course ID: 113943
Special Reading and Research	2025 Fall (4 Credits)

No meeting time listed
Xihong Lin

Instructor Permission Required

STAT 301 (009)
Special Reading and Research
No meeting time listed
Xiao-Li Meng

Course ID: 113943
2026 Spring (4 Credits)
Instructor Permission Required

STAT 301 (010)
Special Reading and Research
No meeting time listed
Jun Liu

Course ID: 113943
2025 Fall (4 Credits)
Instructor Permission Required

STAT 301 (010)
Special Reading and Research
No meeting time listed
Jun Liu

Course ID: 113943
2026 Spring (4 Credits)
Instructor Permission Required

STAT 301 (011)
Special Reading and Research
No meeting time listed
Kelly McConville

Course ID: 113943
2025 Fall (4 Credits)
Instructor Permission Required

STAT 301 (012)
Special Reading and Research
No meeting time listed
Xiao-Li Meng

Course ID: 113943
2025 Fall (4 Credits)
Instructor Permission Required

STAT 301 (013)
Special Reading and Research
No meeting time listed
Susan Murphy

Course ID: 113943
2025 Fall (4 Credits)
Instructor Permission Required

STAT 301 (014)
Special Reading and Research
No meeting time listed
Natesh Sivasubramonia Pillai

Course ID: 113943
2025 Fall (4 Credits)
Instructor Permission Required

STAT 301 (015)
Special Reading and Research
No meeting time listed
Kevin A. Rader

Course ID: 113943
2025 Fall (4 Credits)
Instructor Permission Required

STAT 301 (016)
Special Reading and Research
No meeting time listed
Subhabrata Sen

Course ID: 113943
2025 Fall (4 Credits)
Instructor Permission Required

STAT 301 (017) Special Reading and Research <i>No meeting time listed</i> <i>Neil Shephard</i>	Course ID: 113943 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
STAT 301 (018) Special Reading and Research <i>No meeting time listed</i> <i>Pragya Sur</i>	Course ID: 113943 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
STAT 303 The Art and Practice of Teaching Statistics <i>No meeting time listed</i>	Course ID: 160674 2026 Spring (4 Credits)
STAT 305R Statistical Consulting <i>No meeting time listed</i>	Course ID: 142838 2025 Fall (2 Credits) <i>Instructor Permission Required</i>
STAT 305R (1) Statistical Consulting <i>No meeting time listed</i> <i>Lucas Janson</i>	Course ID: 142838 2026 Spring (2 Credits) <i>Instructor Permission Required</i>
STAT 314HFRA Timely Topics in Statistics M 1030 AM - 1145 AM	Course ID: 110271 2025 Fall (2 Credits) <i>Instructor Permission Required</i>
STAT 314HFRB Timely Topics in Statistics <i>No meeting time listed</i>	Course ID: 160677 2026 Spring (2 Credits)
STAT 398 Research	Course ID: 127772 2025 Fall (4 Credits)
STAT 398 Research	Course ID: 127772 2026 Spring (4 Credits)
STAT 399 Teaching	Course ID: 123920 2025 Fall (4 Credits)

Stem Cell and Regenerative Biology

Stem Cell & Regenerative Biol

SCRB 10**Human Developmental and Regenerative Biology**

MWF 1200 PM - 0115 PM

William Anderson, Michael Segel

Fundamental concepts in developmental biology will be presented within the framework of the developing and regenerating mammal. Where possible, lectures will focus on humans.

Life and Physical Sciences A or Life Sciences 1a is required either prior to or concurrently with enrollment in SCRБ 10.

FAS Divisional Distribution: Science & Engineering & Applied Science

SCRB 50**Building a Human Body: From Gene to Cell to Organism**

MWF 1030 AM - 1145 AM

*Amie Holmes, Richard Lee, Jessica Whited, Jason Buenrostro, Jason Buenrostro*Course ID: 212882
2026 Spring (4 Credits)*Instructor Permission Required*

Through a series of lectures, application exercises and laboratory experiments, we will explore how the human body develops on a molecular level from gene to cell to organ. Ever wonder how you can make heart cells beat in a dish? Why can axolotls regenerate their limbs but humans cannot? How do neurites grow? Can we grow a brain in a cell culture dish? Come join us to discover the answers to these questions and more.

LS1a/LPSA is required; SCRБ 10 is recommended

SCRБ 91R**Introduction to Research***No meeting time listed**Amie Holmes*Course ID: 125804
2025 Fall (4 Credits)*Instructor Permission Required*

Laboratory research in topics related to the Human Developmental and Regenerative Biology Concentration under the direction of, or approved by, members of the Department of Stem Cell and Regenerative Biology, Principal Faculty of the Harvard Stem Cell Institute, or others with permission. A paper must be submitted to the laboratory sponsor and to the HDRB Concentration Office for review by the Course Director and Head Tutors.

Course Note: Students must have joined a laboratory by the first day of classes. Limited to Human Developmental and Regenerative Biology Concentrators. This introductory research course is intended to prepare students for SCRБ 99 and may ordinarily be repeated no more than once. Ordinarily may not be taken as a fifth course. Laboratory safety session required.

FAS Divisional Distribution: Science & Engineering & Applied Science

SCRБ 91R (TUT1)**Introduction to Research**

T 0430 PM - 0545 PM

*Amie Holmes*Course ID: 125804
2025 Fall (4 Credits)*Instructor Permission Required*

Laboratory research in topics related to the Human Developmental and Regenerative Biology Concentration under the direction of, or approved by, members of the Department of Stem Cell and Regenerative Biology, Principal Faculty of the Harvard Stem Cell Institute, or others with permission. A paper must be submitted to the laboratory sponsor and to the HDRB Concentration Office for review by the Course Director and Head Tutors.

Course Note: Students must have joined a laboratory by the first day of classes. Limited to Human Developmental and Regenerative Biology Concentrators. This introductory research course is intended to prepare students for SCRB 99 and may ordinarily be repeated no more than once. Ordinarily may not be taken as a fifth course. Laboratory safety session required.

FAS Divisional Distribution: Science & Engineering & Applied Science

SCRB 91R (TUT1)

Introduction to Research

F 0900 AM - 1015 AM

Course ID: 125804

2026 Spring (4 Credits)

Instructor Permission Required

Laboratory research in topics related to the Human Developmental and Regenerative Biology Concentration under the direction of, or approved by, members of the Department of Stem Cell and Regenerative Biology, Principal Faculty of the Harvard Stem Cell Institute, or others with permission. A paper must be submitted to the laboratory sponsor and to the HDRB Concentration Office for review by the Course Director and Head Tutors.

Course Note: Students must have joined a laboratory by the first day of classes. Limited to Human Developmental and Regenerative Biology Concentrators. This introductory research course is intended to prepare students for SCRB 99 and may ordinarily be repeated no more than once. Ordinarily may not be taken as a fifth course. Laboratory safety session required.

FAS Divisional Distribution: Science & Engineering & Applied Science

SCRB 91R (TUT2)

Introduction to Research

F 0900 AM - 1015 AM

Amie Holmes

Course ID: 125804

2025 Fall (4 Credits)

Instructor Permission Required

Laboratory research in topics related to the Human Developmental and Regenerative Biology Concentration under the direction of, or approved by, members of the Department of Stem Cell and Regenerative Biology, Principal Faculty of the Harvard Stem Cell Institute, or others with permission. A paper must be submitted to the laboratory sponsor and to the HDRB Concentration Office for review by the Course Director and Head Tutors.

Course Note: Students must have joined a laboratory by the first day of classes. Limited to Human Developmental and Regenerative Biology Concentrators. This introductory research course is intended to prepare students for SCRB 99 and may ordinarily be repeated no more than once. Ordinarily may not be taken as a fifth course. Laboratory safety session required.

FAS Divisional Distribution: Science & Engineering & Applied Science

SCRB 91R (TUT2)

Introduction to Research

T 0430 PM - 0545 PM

Course ID: 125804

2026 Spring (4 Credits)

Instructor Permission Required

Laboratory research in topics related to the Human Developmental and Regenerative Biology Concentration under the direction of, or approved by, members of the Department of Stem Cell and Regenerative Biology, Principal Faculty of the Harvard Stem Cell Institute, or others with permission. A paper must be submitted to the laboratory sponsor and to the HDRB Concentration Office for review by the Course Director and Head Tutors.

Course Note: Students must have joined a laboratory by the first day of classes. Limited to Human Developmental and Regenerative Biology Concentrators. This introductory research course is intended to prepare students for SCRB 99 and may ordinarily be repeated no more than once. Ordinarily may not be taken as a fifth course. Laboratory safety session required.

FAS Divisional Distribution: Science & Engineering & Applied Science

Laboratory research in topics related to the Human Developmental and Regenerative Biology Concentration under the direction of, or approved by, members of the Department of Stem Cell and Regenerative Biology, Principal Faculty of the Harvard Stem Cell Institute, or others with permission. A paper must be submitted to the laboratory sponsor and to the HDRB Concentration Office for review by the Course Director and Head Tutors.

Course Note: Students must have joined a laboratory by the first day of classes. Limited to Human Developmental and Regenerative Biology Concentrators. This introductory research course is intended to prepare students for SCRB 99 and may ordinarily be repeated no more than once. Ordinarily may not be taken as a fifth course. Laboratory safety session required.

FAS Divisional Distribution: Science & Engineering & Applied Science

SCRB 99A**Laboratory Research for Honors Thesis**

Course ID: 125805

2025 Fall (4 Credits)

*No meeting time listed**Instructor Permission Required**Amie Holmes, Amy Wagers*

For honors candidates writing a thesis in Human Developmental and Regenerative Biology.

Course Note: Ordinarily may not be taken as a fifth course. Laboratory safety session required.

Students intending to enroll in the fall are required to submit a written proposal to the Course Director. Students may enter the course at midyear only with the permission of the Course Director. The thesis proposal must be approved by the Course Director and Head Tutors prior to enrolling in SCRB 99.

FAS Divisional Distribution: Science & Engineering & Applied Science

SCRB 99A (01)**Laboratory Research for Honors Thesis**

Course ID: 125805

2026 Spring (4 Credits)

*No meeting time listed**Instructor Permission Required**Amie Holmes*

For honors candidates writing a thesis in Human Developmental and Regenerative Biology.

Course Note: Ordinarily may not be taken as a fifth course. Laboratory safety session required.

Students intending to enroll in the fall are required to submit a written proposal to the Course Director. Students may enter the course at midyear only with the permission of the Course Director. The thesis proposal must be approved by the Course Director and Head Tutors prior to enrolling in SCRB 99.

FAS Divisional Distribution: Science & Engineering & Applied Science

SCRB 99B**Laboratory Research for Honors Thesis**

Course ID: 159852

2026 Spring (4 Credits)

*No meeting time listed**Amie Holmes, Amy Wagers*

For honors candidates writing a thesis in Human Developmental and Regenerative Biology.

Course Note: Ordinarily may not be taken as a fifth course. Laboratory safety session required.

SCRB 99A is a required prerequisite.

Students intending to enroll in the fall are required to submit a written proposal to the Course Director. Students may enter the course at midyear only with the permission of the Course Director. The thesis proposal must be approved by the Course Director and Head Tutors prior to enrolling in SCRB 99.

Requires: Pre-requisite: SCRB 99A

FAS Divisional Distribution: Science & Engineering & Applied Science

SCRB 99B (01)

Course ID: 159852
2025 Fall (4 Credits)

Laboratory Research for Honors Thesis

No meeting time listed

Amie Holmes

For honors candidates writing a thesis in Human Developmental and Regenerative Biology.

Course Note: Ordinarily may not be taken as a fifth course. Laboratory safety session required.

SCRB 99A is a required prerequisite.

Students intending to enroll in the fall are required to submit a written proposal to the Course Director. Students may enter the course at midyear only with the permission of the Course Director. The thesis proposal must be approved by the Course Director and Head Tutors prior to enrolling in SCRB 99.

Requires: Pre-requisite: SCRB 99A

FAS Divisional Distribution: Science & Engineering & Applied Science

SCRB 111

Course ID: 212688
2025 Fall (4 Credits)

Regeneration: Phenomena to Mechanisms

TR 0130 PM - 0245 PM

Jessica Whited

Multicellular organisms are all equipped with the ability to cope with injuries, but the extent to which they naturally replace entire missing structures varies greatly across species. This course will use both classical and current primary literature to explore the fascinating process of regeneration across phyla. Students will learn to distill questions into specific, key experiments; to design experiments with meaningful controls; and to use data to refine, reformulate, and develop new hypotheses. We will analyze both invertebrate and vertebrate examples from the animal kingdom. By the end of the course, students will be able to propose new experiments designed to illuminate outstanding questions in regenerative biology using modern techniques. Each student will lead a paper discussion once during the semester. The course will culminate in team-based projects focused on current topics in stem cell biology; these projects will be crafted over the course the semester with feedback from classmates and instructors. Projects will be created in collaboration with the Bok Center. The final products will be short videos that will be shared with the entire class, and we plan to feature them on a public-facing, NSF-supported website for students who grant us permission to do so.

Course Note: Students will be engaged in group work throughout the semester. As a final project, they will write and produce short videos centered on student-selected topics, and the course will culminate with a class-wide viewing event.

SCRB 10 or equivalent.

FAS Divisional Distribution: Science & Engineering & Applied Science

SCRB 120 (01)

Course ID: 220057
2026 Spring (4 Credits)

Biotech Ethics

MW 0130 PM - 0245 PM

This course examines the ethical challenges posed by technological advancements in healthcare and biotechnology, addressing their impact on personal ethical conduct and public policy-making. It begins with an introduction to key ethical theories and their application to biotech dilemmas. Students then analyze case studies, exploring real-world ethical issues faced by biomedical companies and research institutions, emphasizing the effects of emerging technologies on public health, individual rights, and social justice. The course concludes with students collaborating to create ethical frameworks for decision-making in biotech policy.

Course Note: Previous experience in biology and economics is helpful but not necessary.

May not be taken concurrently with Gov 1090. May not be taken for credit if Gov 1090 has already been taken. The course is open to both science and nonscience concentrators.

FAS Divisional Distribution: Science & Engineering & Applied Science

SCRB 135 (01)

Course ID: 218928
2026 Spring (4 Credits)

Reproductive Biology

MW 0900 AM - 1015 AM

Instructor Permission Required

Kara McKinley

This course focuses on the molecular and cellular basis for reproduction. We will learn about how the reproductive tracts develop and change over the lifespan and the processes that initiate and sustain the development of offspring. Topics include: the development of gametes; sex chromosomes; menstruation, pregnancy, and menopause; early development in natural and synthetic embryo systems; ethical considerations surrounding reproduction.

LS1a or LPSA, LS1b, SCRB 10, and SCRB 50 or MCB 60

FAS Divisional Distribution: Science & Engineering & Applied Science

SCRB 145

From Cells to Tissues, in Sickness and in Health

TR 1030 AM - 1145 AM

Ya-chieh Hsu

Course ID: 161207

2025 Fall (4 Credits)

Instructor Permission Required

Every cell is a part of a larger "community", working together to enable tissue function. This course will explore the principles of building complex tissues from cells. How do cells know what tissues to make and when to make them? How do cells communicate with one another? What diseases can arise when these principles go awry? How can we build tissues in the lab? In addition to lectures, students will engage deeply in primary literature.

One year of life sciences introductory sequence - either [LIFESCI 1A / LPS A and LIFESCI 1B] or LIFESCI 50; SCRB 10, SCRB 50 or MCB 60, or permission of the instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

SCRB 155

Epigenetics and Gene Regulation of Human Development and Disease

MWF 0300 PM - 0415 PM

Jason Buenrostro

Course ID: 126154

2026 Spring (4 Credits)

Are we destined to be our parents? In this course we will study topics in epigenetics and gene regulation to challenge some of Mendel's ideas on genetic inheritance. To do this, we will learn about the biochemical processes that control the expression of genes as cells change across human development, aging and disease. Together with genetics, we'll use science to discuss whether "nature or nurture" defines who we are. Finally, the human genome is huge, employing diverse mechanisms of epigenetic regulation, we'll learn about data rich experimental tools and work together to use computational methods to study epigenetic processes within cells

Life and Physical Sciences A or Life Sciences 1a; Life Sciences 1b; MCB 52; SCRB 10 or permission of the instructor.

FAS Divisional Distribution: Science & Engineering & Applied Science

SCRB 157 (01)

A World of RNA: An RNA-centric view of life

TR 0130 PM - 0245 PM

Ryan Flynn

Course ID: 127565

2026 Spring (4 Credits)

Instructor Permission Required

RNA is one of the major biopolymers of life and may have indeed initiated life as we know it, yet much of the study of RNA is as a passive carrier of information. This course focuses on how RNA operates as a highly bioactive molecule in the natural world and how we leverage these activities for therapeutic benefit.

Life Sciences 1a or equivalent; Life Sciences 1b; MCB 60 or SCRB 50.

FAS Divisional Distribution: Science & Engineering & Applied Science

SCRB 164 (01)

Frontiers in Experimentation and Imaging

WF 0130 PM - 0415 PM

Fei Chen

Course ID: 220056

2025 Fall (4 Credits)

Instructor Permission Required

Frontiers in Experimental and Imaging is an interdisciplinary, laboratory-based course which seeks to explore the organization of cells and tissues using microscopy. Through a series of lectures, laboratory experiments, and student-designed research projects, students will learn experimental design, cutting edge methods (such as expansion microscopy), and data analysis. With microscopes in hand, we will venture from the fertilization of the zygote, to complex architecture of the brain, and to reversing the subcellular defects of aging. Join us for discovery and experimentation.

FAS Divisional Distribution: Science & Engineering & Applied Science

SCRB 167 (01)

Stem Cell Therapeutics: Exploring the Science and the Patient Experience

W 0900 AM - 1130 AM

Leonard Zon, David Breault

Course ID: 125200

2026 Spring (4 Credits)

Instructor Permission Required

Stem cells are the basis for tissue maintenance and repair, thus, are essential elements of normal organ and tissue physiology. Stem cells are also targets for disease processes and through transplantation are important therapeutic agents. This course will allow advanced undergraduates to explore how stem cells and tissue regeneration impact human disease pathogenesis and how stem cells might be exploited to advance new therapies for disease.

Life and Physical Sciences A or Life Sciences 1a; Life Sciences 1b; SCRB 10.

FAS Divisional Distribution: Science & Engineering & Applied Science

SCRB 177 (01)

Demystifying the Immune System

MW 1030 AM - 1145 AM

Ruth Franklin

Course ID: 217489

2025 Fall (4 Credits)

Instructor Permission Required

What happens during an infection? This course will follow the progression of an immune response while exploring the following questions: What is inflammation? How can it both protect us and contribute to disease? Which physiologic processes are regulated by immune cells? In addition to participation in lectures, discussions, and analysis of primary literature, each student will create an original piece of science communication to engage with the general public.

Course Note: Weekly section to be held during Friday lecture time.

SCRB 50 or MCB 60 or equivalent

FAS Divisional Distribution: Science & Engineering & Applied Science

SCRB 185

Brain Development, Risk of Mental Illness, and New Approaches to Treatment Development

TR 1200 PM - 0115 PM

Course ID: 222147

2026 Spring (4 Credits)

What is mental illness? How well can we distinguish illness from normal variation in cognition and behavior? Why in most cases do patients present with symptoms by age twenty? This course will explore mechanisms underlying neuropsychiatric disorders through the lens of autism spectrum disorder, which begins in early childhood, and schizophrenia, which begins during adolescence. In exploring vulnerability and pathogenesis, the course will weave together material that spans human genetics and environmental exposures, human brain development and neural circuit formation, and remodeling of brain circuits by experience. Given the complexity of the brain and its disorders and the limited access to living human brains, the course will also explore and evaluate our sources of knowledge, our model systems such as human brain organoid models, and our technologies such as brain-computer interfaces. The course will highlight experimental approaches poised to elucidate disease mechanisms and deliver much needed therapeutics for some of the most devastating pathologies of our time.

LS1a/LPSA; LS1b

FAS Divisional Distribution: Science & Engineering & Applied Science

SCRB 190 (01)

Understanding Aging: Degeneration, Regeneration, and the Scientific

Search for the Fountain of Youth

MW 1200 PM - 0115 PM

Amy Wagers

This lecture and discussion course will explore the fundamental molecular and cellular mechanisms that govern organismal aging and consider new and emerging strategies to delay or reverse this process.

Life and Physical Sciences A or Life Sciences 1a; Life Sciences 1b; SCRB 10, MCB 60

FAS Divisional Distribution: Science & Engineering & Applied Science

SCRB 195

The Translational Science of Stem Cells: Present and Future

MW 0300 PM - 0415 PM

Lee Rubin

Information about the biology of stem cells and their uses in understanding and treating diseases -- particularly those that cannot be studied adequately in non-human model systems -- has increased enormously in the last decade. In this seminar/lecture course, students will learn about transplanting functional human cells (such as pancreatic beta cells or dopaminergic neurons) derived from pluripotent cells to treat disease. They will also discover how to use these cells to model diseases, such as neurodegenerative and cardiovascular diseases, with the goal of identifying more effective, possibly patient-specific, therapeutics. Students will hear about treatments, including small molecules (conventional medicines), whose therapeutic actions can be attributed to the regulation of tissue-specific stem cells that reside in key adult tissues including the bone marrow and brain, but, interestingly, not including the heart or pancreas. Finally, they will be exposed to relatively new work that demonstrates the possibility of creating new cells from old by using genetic methods to swap cell identities. A typical type of question that we will debate is: When should Parkinson's disease patients be treated with a drug to slow the death of neurons, with transplanted neurons made from pluripotent cells or with a viral vector that produces new neurons from existing glial cells in the brain? This course will highlight the theoretical, as well as the practical, aspects of drug development. How are therapies progressed from conception to patient (bench to bedside)? How can academic investigators commercialize research? Importantly, while this is a science course, not a health economics course, we intend to discuss ways of reducing drug costs. At the same time, we will introduce the new trend of treating rare (even N=1) genetic diseases and how this is or isn't accommodated within our existing healthcare framework. We believe that students with different backgrounds (biology, chemistry, engineering, business) and at different levels (undergraduate, graduate) can benefit from taking the course and will help enrich the discussions by providing different perspectives on topics that we'll cover. However, basic knowledge of cell and molecular biology will be needed to understand the course fully.

Course Note: Permission of the instructor is required to enroll for students who have not taken the courses below. Ability to work in a less structured environment will be essential, as will the ability to work with other students.

Life Sciences 1a or Life and Physical Sciences A, Life Sciences 1b, and preferably SCRB 10.

FAS Divisional Distribution: Science & Engineering & Applied Science

SCRB 197 (01)

Frontiers in Therapeutics: Science of Health

MW 0130 PM - 0245 PM

Mark Fishman, Douglas Melton, Navid Ghaffari

We ask in this class how fundamental science can be harnessed to change human health. We explore fundamental biological pathways related to unsolved medical needs (such as addiction, pain, obesity, and schizophrenia), and think about how best to target these using a range of therapeutic approaches (such as chemicals, proteins, CRISPR, and gene therapy). Discussions are led by fundamental, medical, and biotechnological scientists. Students will learn to evaluate the credibility of proposed novel therapeutic opportunities.

Course Note: Prerequisites are Life and Physical Sciences A or Life Sciences 1a; Life Sciences 1b; MCB 60, SCRB 50, or permission of the instructor

FAS Divisional Distribution: Science & Engineering & Applied Science

Course ID: 125185
2025 Fall (4 Credits)

Course ID: 204006
2025 Fall (4 Credits)

Course ID: 204358
2025 Fall (4 Credits)

SCRB 220 (01)

Data Science for Life Sciences

No meeting time listed

Franziska Michor

Course ID: 216404
2026 Spring (4 Credits)

Instructor Permission Required

The course will focus on approaches to the statistics of big data and its application to biotechnology.

Course Note: Only for graduate students enrolled in the MS/MBA program in Biotechnology at the Harvard Business School.

This course is an intensive course, which counts for 4 credits.

FAS Divisional Distribution: None

SCRB 230 (01)

NextGen Biotechnology

No meeting time listed

William Anderson, Navid Ghaffari

Course ID: 156679
2025 Fall (4 Credits)

Instructor Permission Required

The course focuses upon recent advances in fundamental biology that may have relevance to discovery of new therapeutics. There is a strong emphasis on primary literature and critical analysis of data. Students also work in groups to analyze a single mechanism underlying a drug candidate that is in early clinical trials, highlighting the scientific case for the medicine and biological issues with the approach.

Course Note: Limited to MS/MBA in Biotechnology: Life Sciences students.

FAS Divisional Distribution: None

SCRB 250QC (01)

Cell and Gene Therapies

R 1000 AM - 1130 AM

Fernando Camargo

Course ID: 226254
2025 Fall (2 Credits)

Cell and gene therapies are among the newest breakthroughs in health care that can address difficult-to-treat diseases with no other treatment options. This course covers the history, development, and implementation of cell and gene therapies. Class time will consist of guest lectures from Harvard faculty or industry experts, in addition to discussion on primary/secondary research articles, case studies, and/or popular press articles. Students will participate in a capstone group project that proposes a novel cell or gene therapy, based on an unmet clinical need with a clear gene/cell target. Evaluation for the capstone project will be based on oral presentations of the project and an individual written assignment.

Course Note: Undergraduates, MS/MBA in Biotechnology: Life Sciences, and HILS PhD students welcome.

Recommended Prep: Undergraduates: Life and Physical Sciences A or Life Sciences 1a; Life Sciences 1b; SCRB 10, SCRB 50, or MCB60.

FAS Divisional Distribution: None

SCRB 295

The Translational Science of Stem Cells: Present and Future

MW 0300 PM - 0415 PM

Lee Rubin

Course ID: 226432
2025 Fall (4 Credits)

Instructor Permission Required

Information about the biology of stem cells and their uses in understanding and treating diseases -- particularly those that cannot be studied adequately in non-human model systems -- has increased enormously in the last decade. In this seminar/lecture course, students will learn about transplanting functional human cells (such as pancreatic beta cells or dopaminergic neurons) derived from pluripotent cells to treat disease. They will also discover how to use these cells to model diseases, such as neurodegenerative and cardiovascular diseases, with the goal of identifying more effective, possibly patient-specific, therapeutics. Students will hear about treatments, including small molecules (conventional medicines), whose therapeutic actions can be attributed to the regulation of tissue-specific stem cells that reside in key adult tissues including the bone marrow and brain, but, interestingly, not including the heart or pancreas. Finally, they will be exposed to relatively new work that demonstrates the possibility of creating new cells from old by using genetic methods to swap cell identities. A

typical type of question that we will debate is: When should Parkinson's disease patients be treated with a drug to slow the death of neurons, with transplanted neurons made from pluripotent cells or with a viral vector that produces new neurons from existing glial cells in the brain? This course will highlight the theoretical, as well as the practical, aspects of drug development. How are therapies progressed from conception to patient (bench to bedside)? How can academic investigators commercialize research? Importantly, while this is a science course, not a health economics course, we intend to discuss ways of reducing drug costs. At the same time, we will introduce the new trend of treating rare (even N=1) genetic diseases and how this is or isn't accommodated within our existing healthcare framework. We believe that students with different backgrounds (biology, chemistry, engineering, business) and at different levels (undergraduate, graduate) can benefit from taking the course and will help enrich the discussions by providing different perspectives on topics that we'll cover. However, basic knowledge of cell and molecular biology will be needed to understand the course fully.

Course Note: Only for graduate students enrolled in the MS/MBA program in Biotechnology: Life Sciences. All undergraduates should register for SCRB 195.

FAS Divisional Distribution: None

SCRB 297 (01)

Frontiers in Therapeutics: Science of Health

MW 0130 PM - 0245 PM

Mark Fishman, Douglas Melton, Navid Ghaffari

Course ID: 218466
2025 Fall (4 Credits)

Instructor Permission Required

We ask in this class how fundamental science can be harnessed to change human health. We explore fundamental biological pathways related to unsolved medical needs (such as addiction, pain, obesity, and schizophrenia), and think about how best to target these using a range of therapeutic approaches (such as chemicals, proteins, CRISPR, and gene therapy). Discussions are led by fundamental, medical, and biotechnological scientists. Students will learn to evaluate the credibility of proposed novel therapeutic opportunities.

Course Note: Only for graduate students enrolled in the MS/MBA program in Biotechnology: Life Sciences. All undergraduates should register for SCRB 197.

FAS Divisional Distribution: Science & Engineering & Applied Science

SCRB 299A (01)

Capstone Project 1

No meeting time listed

William Anderson, Mark Fishman

Course ID: 218612
2026 Spring (4 Credits)

Instructor Permission Required

For MS/MBA in Biotechnology: Life Sciences students as part of their capstone project.

Course Note: Limited to MS/MBA in Biotechnology: Life Sciences students

This course is an intensive course, which counts for 4 credits.

FAS Divisional Distribution: None

SCRB 299B (01)

Capstone Project 2

No meeting time listed

William Anderson, Mark Fishman

Course ID: 220642
2026 Spring (4 Credits)

Instructor Permission Required

For MS/MBA in Biotechnology: Life Sciences students as part of their capstone project.

Course Note: Limited to MS/MBA in Biotechnology: Life Sciences students.

FAS Divisional Distribution: Science & Engineering & Applied Science

SCRB 302

Mechanisms of Epigenetic Reprogramming

No meeting time listed

Kevin Eggan, William Anderson

Course ID: 148232
2025 Fall (4 Credits)

Instructor Permission Required

SCRB 302
Mechanisms of Epigenetic Reprogramming
No meeting time listed
Kevin Eggan, William Anderson

Course ID: 148232
2026 Spring (4 Credits)
Instructor Permission Required

SCRB 330
RNA biology in health and disease
No meeting time listed
Ryan Flynn

Course ID: 217911
2026 Spring (4 Credits)

FAS Divisional Distribution: None

SCRB 330
RNA biology in health and disease
No meeting time listed
Ryan Flynn

Course ID: 217911
2025 Fall (4 Credits)

FAS Divisional Distribution: None

SCRB 330 (01)
RNA biology in health and disease
No meeting time listed
Ryan Flynn

Course ID: 217911
2025 Fall (4 Credits)
Instructor Permission Required

FAS Divisional Distribution: None

SCRB 340 (01)
Graduate research – Regenerative and Reproductive Biology
No meeting time listed
Kara McKinley

Course ID: 217912
2026 Spring (4 Credits)

Graduate students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

SCRB 340 (01)
Graduate research – Regenerative and Reproductive Biology
No meeting time listed
Kara McKinley

Course ID: 217912
2025 Fall (4 Credits)

Graduate students register for this course when they permanently join a lab. Students should register under the supervising PI.

FAS Divisional Distribution: None

SCRB 350
Epithelial Stem Cells in Development, Regeneration, and Disease

No meeting time listed
Ya-chieh Hsu

Course ID: 156732
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SCRB 350
Epithelial Stem Cells in Development, Regeneration, and Disease

No meeting time listed
Ya-chieh Hsu

Course ID: 156732
2026 Spring (4 Credits)

FAS Divisional Distribution: None

SCRB 355
Spatial and Temporal Genomics

No meeting time listed
Fei Chen

Course ID: 217903
2026 Spring (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SCRB 355
Spatial and Temporal Genomics

No meeting time listed
Fei Chen

Course ID: 217903
2025 Fall (4 Credits)

FAS Divisional Distribution: None

SCRB 377
Immune Cell Functions in Health and Disease

No meeting time listed
Ruth Franklin

Course ID: 217919
2026 Spring (4 Credits)

FAS Divisional Distribution: None

SCRB 377
Immune Cell Functions in Health and Disease

No meeting time listed
Ruth Franklin

Course ID: 217919
2025 Fall (4 Credits)

FAS Divisional Distribution: None

SCRB 377 (01)
Immune Cell Functions in Health and Disease

No meeting time listed
Ruth Franklin

Course ID: 217919
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SCRB 382
Molecular Immunology

No meeting time listed
Jack L. Strominger

Course ID: 116346
2025 Fall (4 Credits)

FAS Divisional Distribution: None

SCRB 382
Molecular Immunology

No meeting time listed
Jack L. Strominger

Course ID: 116346
2026 Spring (4 Credits)

FAS Divisional Distribution: None

SCRB 399
Vertebrate Developmental Biology

No meeting time listed
Douglas Melton

Course ID: 126489
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: None

SCRB 399
Vertebrate Developmental Biology

No meeting time listed
Douglas Melton

Course ID: 126489
2026 Spring (4 Credits)

FAS Divisional Distribution: None

Systems Biology

Systems Biology

SYSBIO 200
Introduction to Modern Systems Biology

TR 0300 PM - 0430 PM

Course ID: 116238
2025 Fall (4 Credits)

In this introductory graduate-level course, students will develop tools and follow canonical examples of understanding biological systems. We will focus on using the language of mathematics to clarify the problems to

be solved, and to approach their solution. We will use simple cases to start with, and then see how they play out in modern problems. We will cover emerging machine-learning methods to reverse-engineer dynamical systems, and connect stochastic biology to single cell analysis. In this introductory graduate-level course, students will develop tools and follow canonical examples of understanding biological systems. We will focus on using the language of mathematics to clarify the problems to be solved, and to approach their solution. We will use simple cases to start with, and then see how they play out in modern problems. We will cover emerging machine-learning methods to reverse-engineer dynamical systems, and connect stochastic biology to single cell analysis

Course Note: Students planning to take both quarter courses (SB303 and 304) must enroll in this as a half course on their study card as SysBio200 for now and in the future. Students who take one half of this quarter can NOT ever take the other half for credit.

Students who have no Python programming experience, or would like a refresher, are encouraged to take a Python programming workshop.

FAS Divisional Distribution: None

SYSBIO 214

Science Communication: Presentation and Speaking Skills for Scientist

MWF 1000 AM - 1200 PM

Galit Lahav

Course ID: 220564
2026 Spring (2 Credits)

Instructor Permission Required

Communicating effectively is an essential scientific skill. Scientists with strong communication skills are better students, better teachers, and more persuasive advocates for science. The goals of this class are to get students comfortable presenting, teach skills essential for communicating ideas clearly, effectively and authentically. Students will learn how to communicate ideas in the context of problems relevant to their own research. Specifically, this class is designed to: Teach students how to develop and deliver effective oral presentations (with slides and chalk talks)· Get students to think about and cultivate on-stage personas · Increase comfort with controlling presentations while addressing interruptions and questions· Practice giving and receiving critical feedback· Cultivate a culture that embraces and nurtures diverse voices, styles and backgrounds. This course is taught in 6 sessions of 2hr each. Course time will be spent on hands-on exercises, interactive activities and group discussions, mostly aimed at getting feedback on assignments students complete outside of class.

SYSBIO 300HFA

Introduction to Systems Biology Research

M 1100 AM - 0100 PM

Timothy Mitchison

Course ID: 120829
2025 Fall (2 Credits)

Instructor Permission Required

Series of lectures to introduce the research areas of current program faculty in systems biology. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

FAS Divisional Distribution: None

Full Year Course: Indivisible Course

SYSBIO 300HFB

Introduction to Systems Biology Research

No meeting time listed

Timothy Mitchison

Course ID: 160680
2026 Spring (2 Credits)

Series of lectures to introduce the research areas of current program faculty in systems biology. Students must complete both parts of this course (parts A and B) within the same academic year in order to receive credit.

Requires: Pre-requisite: SYSBIO 300HFA

Full Year Course: Indivisible Course

FAS Divisional Distribution: None

SYSBIO 300QC

Advanced Topics in Systems Biology

Course ID: 109968
2026 Spring (2 Credits)

No meeting time listed
Timothy Mitchison

SYSBIO 300QC
Advanced Topics in Systems Biology

No meeting time listed
Timothy Mitchison

Course ID: 109968
2025 Fall (2 Credits)

Instructor Permission Required

SYSBIO 350
Systems Biology Research

No meeting time listed

Ramy Arnaout, Timothy Mitchison, Jessica Lehoczky, Eliezer Van Allen, Eliezer Van Allen

Course ID: 121507
2025 Fall (4 Credits)

SYSBIO 350
Systems Biology Research

No meeting time listed

Jacob Hooker, Michael Baym, Ying Lu, Maha Farhat, Maha Farhat

Course ID: 121507
2026 Spring (4 Credits)

SYSBIO 350 (002)
Systems Biology Research

No meeting time listed
Eliezer Van Allen

Course ID: 121507
2025 Fall (4 Credits)

SYSBIO 350 (002)
Systems Biology Research

No meeting time listed

Edoardo Airoidi

Course ID: 121507
2026 Spring (4 Credits)

SYSBIO 350 (003)
Systems Biology Research

No meeting time listed

Steven Gygi

Course ID: 121507
2025 Fall (4 Credits)

Instructor Permission Required

SYSBIO 350 (003)
Systems Biology Research

No meeting time listed

Katie Bentley

Course ID: 121507
2026 Spring (4 Credits)

SYSBIO 350 (004)
Systems Biology Research

No meeting time listed

Michael P. Brenner

Course ID: 121507
2025 Fall (4 Credits)

Instructor Permission Required

SYSBIO 350 (004)
Systems Biology Research

No meeting time listed

Michael P. Brenner

Course ID: 121507
2026 Spring (4 Credits)

SYSBIO 350 (005) Systems Biology Research <i>No meeting time listed</i> <i>Martha Bulyk</i>	Course ID: 121507 2025 Fall (4 Credits) <i>Instructor Permission Required</i>
SYSBIO 350 (005) Systems Biology Research <i>No meeting time listed</i> <i>Martha Bulyk</i>	Course ID: 121507 2026 Spring (4 Credits)
SYSBIO 350 (006) Systems Biology Research <i>No meeting time listed</i> <i>George Church</i>	Course ID: 121507 2025 Fall (4 Credits)
SYSBIO 350 (006) Systems Biology Research <i>No meeting time listed</i> <i>George Church</i>	Course ID: 121507 2026 Spring (4 Credits)
SYSBIO 350 (007) Systems Biology Research <i>No meeting time listed</i> <i>Stirling Churchman</i>	Course ID: 121507 2025 Fall (4 Credits)
SYSBIO 350 (007) Systems Biology Research <i>No meeting time listed</i> <i>Stirling Churchman</i>	Course ID: 121507 2026 Spring (4 Credits)
SYSBIO 350 (008) Systems Biology Research <i>No meeting time listed</i> <i>Philippe Cluzel</i>	Course ID: 121507 2025 Fall (4 Credits)
SYSBIO 350 (008) Systems Biology Research <i>No meeting time listed</i> <i>Philippe Cluzel</i>	Course ID: 121507 2026 Spring (4 Credits)
SYSBIO 350 (009) Systems Biology Research <i>No meeting time listed</i> <i>Adam Cohen</i>	Course ID: 121507 2025 Fall (4 Credits)
SYSBIO 350 (009) Systems Biology Research <i>No meeting time listed</i> <i>Adam Cohen</i>	Course ID: 121507 2026 Spring (4 Credits)

SYSBIO 350 (010) Systems Biology Research <i>No meeting time listed</i> <i>Vladimir Denic</i>	Course ID: 121507 2025 Fall (4 Credits)
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SYSBIO 350 (010) Systems Biology Research <i>No meeting time listed</i> <i>Vladimir Denic</i>	Course ID: 121507 2026 Spring (4 Credits)
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SYSBIO 350 (011) Systems Biology Research <i>No meeting time listed</i> <i>Angela Depace</i>	Course ID: 121507 2025 Fall (4 Credits)
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SYSBIO 350 (011) Systems Biology Research <i>No meeting time listed</i> <i>Angela Depace</i>	Course ID: 121507 2026 Spring (4 Credits)
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SYSBIO 350 (012) Systems Biology Research <i>No meeting time listed</i> <i>Michael Desai</i>	Course ID: 121507 2025 Fall (4 Credits)
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SYSBIO 350 (012) Systems Biology Research <i>No meeting time listed</i> <i>Michael Desai</i>	Course ID: 121507 2026 Spring (4 Credits)
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SYSBIO 350 (013) Systems Biology Research <i>No meeting time listed</i> <i>Francis Doyle</i>	Course ID: 121507 2025 Fall (4 Credits)
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SYSBIO 350 (013) Systems Biology Research <i>No meeting time listed</i> <i>Francis Doyle</i>	Course ID: 121507 2026 Spring (4 Credits)
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SYSBIO 350 (014) Systems Biology Research <i>No meeting time listed</i> <i>Catherine Dulac</i>	Course ID: 121507 2025 Fall (4 Credits)
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SYSBIO 350 (014) Systems Biology Research	Course ID: 121507 2026 Spring (4 Credits)
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No meeting time listed
Catherine Dulac

SYSBIO 350 (015)

Systems Biology Research

No meeting time listed
Sean Eddy

Course ID: 121507
2025 Fall (4 Credits)

SYSBIO 350 (015)

Systems Biology Research

No meeting time listed
Sean Eddy

Course ID: 121507
2026 Spring (4 Credits)

SYSBIO 350 (016)

Systems Biology Research

No meeting time listed
Walter Fontana

Course ID: 121507
2025 Fall (4 Credits)

SYSBIO 350 (016)

Systems Biology Research

No meeting time listed
Walter Fontana

Course ID: 121507
2026 Spring (4 Credits)

SYSBIO 350 (017)

Systems Biology Research

No meeting time listed
Ethan Garner

Course ID: 121507
2025 Fall (4 Credits)

SYSBIO 350 (017)

Systems Biology Research

No meeting time listed
Ethan Garner

Course ID: 121507
2026 Spring (4 Credits)

SYSBIO 350 (018)

Systems Biology Research

No meeting time listed
Yonatan Grad

Course ID: 121507
2025 Fall (4 Credits)

SYSBIO 350 (018)

Systems Biology Research

No meeting time listed
Yonatan Grad

Course ID: 121507
2026 Spring (4 Credits)

SYSBIO 350 (019)

Systems Biology Research

No meeting time listed
Jesse Gray

Course ID: 121507
2025 Fall (4 Credits)

SYSBIO 350 (019) Systems Biology Research <i>No meeting time listed</i> <i>Jesse Gray</i>	Course ID: 121507 2026 Spring (4 Credits)
SYSBIO 350 (020) Systems Biology Research <i>No meeting time listed</i> <i>Jeremy Gunawardena</i>	Course ID: 121507 2025 Fall (4 Credits)
SYSBIO 350 (020) Systems Biology Research <i>No meeting time listed</i> <i>Jeremy Gunawardena</i>	Course ID: 121507 2026 Spring (4 Credits)
SYSBIO 350 (021) Systems Biology Research <i>No meeting time listed</i> <i>John Higgins</i>	Course ID: 121507 2025 Fall (4 Credits)
SYSBIO 350 (021) Systems Biology Research <i>No meeting time listed</i> <i>John Higgins</i>	Course ID: 121507 2026 Spring (4 Credits)
SYSBIO 350 (022) Systems Biology Research <i>No meeting time listed</i> <i>Curtis Huttenhower</i>	Course ID: 121507 2025 Fall (4 Credits)
SYSBIO 350 (022) Systems Biology Research <i>No meeting time listed</i> <i>Curtis Huttenhower</i>	Course ID: 121507 2026 Spring (4 Credits)
SYSBIO 350 (023) Systems Biology Research <i>No meeting time listed</i> <i>Marc Kirschner</i>	Course ID: 121507 2025 Fall (4 Credits)
SYSBIO 350 (023) Systems Biology Research <i>No meeting time listed</i> <i>Marc Kirschner</i>	Course ID: 121507 2026 Spring (4 Credits)
SYSBIO 350 (024) Systems Biology Research <i>No meeting time listed</i> <i>Allon Klein</i>	Course ID: 121507 2025 Fall (4 Credits)

SYSBIO 350 (024)
Systems Biology Research
No meeting time listed
Allon Klein

Course ID: 121507
2026 Spring (4 Credits)

SYSBIO 350 (025)
Systems Biology Research
No meeting time listed
Galit Lahav

Course ID: 121507
2025 Fall (4 Credits)

SYSBIO 350 (025)
Systems Biology Research
No meeting time listed
Galit Lahav

Course ID: 121507
2026 Spring (4 Credits)

SYSBIO 350 (026)
Systems Biology Research
No meeting time listed
Erel Levine

Course ID: 121507
2025 Fall (4 Credits)

SYSBIO 350 (026)
Systems Biology Research
No meeting time listed
Erel Levine

Course ID: 121507
2026 Spring (4 Credits)

SYSBIO 350 (027)
Systems Biology Research
No meeting time listed
Richard Losick

Course ID: 121507
2025 Fall (4 Credits)

SYSBIO 350 (027)
Systems Biology Research
No meeting time listed
Richard Losick

Course ID: 121507
2026 Spring (4 Credits)

SYSBIO 350 (028)
Systems Biology Research
No meeting time listed
Debora Marks

Course ID: 121507
2025 Fall (4 Credits)

SYSBIO 350 (028)
Systems Biology Research
No meeting time listed
Debora Marks

Course ID: 121507
2026 Spring (4 Credits)

SYSBIO 350 (029)
Systems Biology Research

Course ID: 121507
2025 Fall (4 Credits)

No meeting time listed
Sean Megason

SYSBIO 350 (029)
Systems Biology Research
No meeting time listed
Sean Megason

Course ID: 121507
2026 Spring (4 Credits)

SYSBIO 350 (030)
Systems Biology Research
No meeting time listed
Timothy Mitchison

Course ID: 121507
2025 Fall (4 Credits)

SYSBIO 350 (030)
Systems Biology Research
No meeting time listed
Timothy Mitchison

Course ID: 121507
2026 Spring (4 Credits)

SYSBIO 350 (031)
Systems Biology Research
No meeting time listed
Vamsi Mootha

Course ID: 121507
2025 Fall (4 Credits)

SYSBIO 350 (031)
Systems Biology Research
No meeting time listed
Vamsi Mootha

Course ID: 121507
2026 Spring (4 Credits)

SYSBIO 350 (032)
Systems Biology Research
No meeting time listed
Andrew Murray

Course ID: 121507
2025 Fall (4 Credits)

SYSBIO 350 (032)
Systems Biology Research
No meeting time listed
Andrew Murray

Course ID: 121507
2026 Spring (4 Credits)

SYSBIO 350 (033)
Systems Biology Research
No meeting time listed
Daniel Needleman

Course ID: 121507
2025 Fall (4 Credits)

SYSBIO 350 (033)
Systems Biology Research
No meeting time listed
Daniel Needleman

Course ID: 121507
2026 Spring (4 Credits)

SYSBIO 350 (034) Systems Biology Research <i>No meeting time listed</i> <i>David R. Nelson</i>	Course ID: 121507 2025 Fall (4 Credits)
SYSBIO 350 (034) Systems Biology Research <i>No meeting time listed</i> <i>David R. Nelson</i>	Course ID: 121507 2026 Spring (4 Credits)
SYSBIO 350 (036) Systems Biology Research <i>No meeting time listed</i> <i>Erin O'Shea</i>	Course ID: 121507 2025 Fall (4 Credits)
SYSBIO 350 (036) Systems Biology Research <i>No meeting time listed</i> <i>Erin O'Shea</i>	Course ID: 121507 2026 Spring (4 Credits)
SYSBIO 350 (037) Systems Biology Research <i>No meeting time listed</i> <i>Johan Paulsson</i>	Course ID: 121507 2025 Fall (4 Credits)
SYSBIO 350 (037) Systems Biology Research <i>No meeting time listed</i> <i>Johan Paulsson</i>	Course ID: 121507 2026 Spring (4 Credits)
SYSBIO 350 (038) Systems Biology Research <i>No meeting time listed</i> <i>Sharad Ramanathan</i>	Course ID: 121507 2025 Fall (4 Credits)
SYSBIO 350 (038) Systems Biology Research <i>No meeting time listed</i> <i>Sharad Ramanathan</i>	Course ID: 121507 2026 Spring (4 Credits)
SYSBIO 350 (039) Systems Biology Research <i>No meeting time listed</i> <i>Aviv Regev</i>	Course ID: 121507 2025 Fall (4 Credits)
SYSBIO 350 (039) Systems Biology Research <i>No meeting time listed</i> <i>Aviv Regev</i>	Course ID: 121507 2026 Spring (4 Credits)

SYSBIO 350 (040) Systems Biology Research <i>No meeting time listed</i> <i>David Reich</i>	Course ID: 121507 2025 Fall (4 Credits)
SYSBIO 350 (040) Systems Biology Research <i>No meeting time listed</i> <i>David Reich</i>	Course ID: 121507 2026 Spring (4 Credits)
SYSBIO 350 (041) Systems Biology Research <i>No meeting time listed</i> <i>John Rinn</i>	Course ID: 121507 2025 Fall (4 Credits)
SYSBIO 350 (041) Systems Biology Research <i>No meeting time listed</i> <i>John Rinn</i>	Course ID: 121507 2026 Spring (4 Credits)
SYSBIO 350 (042) Systems Biology Research <i>No meeting time listed</i> <i>Pardis Sabeti</i>	Course ID: 121507 2025 Fall (4 Credits)
SYSBIO 350 (042) Systems Biology Research <i>No meeting time listed</i> <i>Pardis Sabeti</i>	Course ID: 121507 2026 Spring (4 Credits)
SYSBIO 350 (043) Systems Biology Research <i>No meeting time listed</i> <i>Alexander Schier</i>	Course ID: 121507 2025 Fall (4 Credits)
SYSBIO 350 (043) Systems Biology Research <i>No meeting time listed</i> <i>Alexander Schier</i>	Course ID: 121507 2026 Spring (4 Credits)
SYSBIO 350 (044) Systems Biology Research <i>No meeting time listed</i> <i>Jagesh Shah</i>	Course ID: 121507 2025 Fall (4 Credits)
SYSBIO 350 (044) Systems Biology Research	Course ID: 121507 2026 Spring (4 Credits)

No meeting time listed
Jagesh Shah

SYSBIO 350 (045)
Systems Biology Research
No meeting time listed
Eugene Shakhnovich

Course ID: 121507
2025 Fall (4 Credits)

SYSBIO 350 (045)
Systems Biology Research
No meeting time listed
Eugene Shakhnovich

Course ID: 121507
2026 Spring (4 Credits)

SYSBIO 350 (046)
Systems Biology Research
No meeting time listed
William Shih

Course ID: 121507
2025 Fall (4 Credits)

SYSBIO 350 (046)
Systems Biology Research
No meeting time listed
William Shih

Course ID: 121507
2026 Spring (4 Credits)

SYSBIO 350 (047)
Systems Biology Research
No meeting time listed
Pamela Silver

Course ID: 121507
2025 Fall (4 Credits)

SYSBIO 350 (047)
Systems Biology Research
No meeting time listed
Pamela Silver

Course ID: 121507
2026 Spring (4 Credits)

SYSBIO 350 (048)
Systems Biology Research
No meeting time listed
Peter Sorger

Course ID: 121507
2025 Fall (4 Credits)

SYSBIO 350 (048)
Systems Biology Research
No meeting time listed
Peter Sorger

Course ID: 121507
2026 Spring (4 Credits)

SYSBIO 350 (049)
Systems Biology Research
No meeting time listed
Michael Springer

Course ID: 121507
2025 Fall (4 Credits)

SYSBIO 350 (049) Systems Biology Research <i>No meeting time listed</i> <i>Michael Springer</i>	Course ID: 121507 2026 Spring (4 Credits)
SYSBIO 350 (050) Systems Biology Research <i>No meeting time listed</i> <i>Ralph Weissleder</i>	Course ID: 121507 2025 Fall (4 Credits)
SYSBIO 350 (050) Systems Biology Research <i>No meeting time listed</i> <i>Ralph Weissleder</i>	Course ID: 121507 2026 Spring (4 Credits)
SYSBIO 350 (051) Systems Biology Research <i>No meeting time listed</i> <i>David Weitz</i>	Course ID: 121507 2025 Fall (4 Credits)
SYSBIO 350 (051) Systems Biology Research <i>No meeting time listed</i> <i>David Weitz</i>	Course ID: 121507 2026 Spring (4 Credits)
SYSBIO 350 (052) Systems Biology Research <i>No meeting time listed</i> <i>Xiaoliang Xie</i>	Course ID: 121507 2025 Fall (4 Credits)
SYSBIO 350 (052) Systems Biology Research <i>No meeting time listed</i> <i>Xiaoliang Xie</i>	Course ID: 121507 2026 Spring (4 Credits)
SYSBIO 350 (053) Systems Biology Research <i>No meeting time listed</i> <i>Peng Yin</i>	Course ID: 121507 2025 Fall (4 Credits)
SYSBIO 350 (053) Systems Biology Research <i>No meeting time listed</i> <i>Peng Yin</i>	Course ID: 121507 2026 Spring (4 Credits)
SYSBIO 350 (054) Systems Biology Research <i>No meeting time listed</i> <i>Xiaowei Zhuang</i>	Course ID: 121507 2025 Fall (4 Credits)

SYSBIO 350 (054) Systems Biology Research <i>No meeting time listed</i> <i>Xiaowei Zhuang</i>	Course ID: 121507 2026 Spring (4 Credits)
SYSBIO 350 (055) Systems Biology Research <i>No meeting time listed</i> <i>Chirag Patel</i>	Course ID: 121507 2025 Fall (4 Credits)
SYSBIO 350 (055) Systems Biology Research <i>No meeting time listed</i> <i>Chirag Patel</i>	Course ID: 121507 2026 Spring (4 Credits)
SYSBIO 350 (056) Systems Biology Research <i>No meeting time listed</i> <i>Zak Kohane</i>	Course ID: 121507 2025 Fall (4 Credits)
SYSBIO 350 (056) Systems Biology Research <i>No meeting time listed</i> <i>Bradley Bernstein</i>	Course ID: 121507 2026 Spring (4 Credits)
SYSBIO 350 (057) Systems Biology Research <i>No meeting time listed</i> <i>Nir Hacohen</i>	Course ID: 121507 2025 Fall (4 Credits)
SYSBIO 350 (057) Systems Biology Research <i>No meeting time listed</i> <i>Nir Hacohen</i>	Course ID: 121507 2026 Spring (4 Credits)
SYSBIO 350 (058) Systems Biology Research <i>No meeting time listed</i> <i>Bradley Bernstein</i>	Course ID: 121507 2025 Fall (4 Credits)
SYSBIO 350 (058) Systems Biology Research <i>No meeting time listed</i> <i>Luk Vandenbergh</i>	Course ID: 121507 2026 Spring (4 Credits)
SYSBIO 350 (059) Systems Biology Research	Course ID: 121507 2025 Fall (4 Credits)

No meeting time listed
Luk Vandenberghe

SYSBIO 350 (059)
Systems Biology Research
No meeting time listed
Nir Hacohen

Course ID: 121507
2026 Spring (4 Credits)

SYSBIO 350 (060)
Systems Biology Research
No meeting time listed
Douglas Melton

Course ID: 121507
2025 Fall (4 Credits)

SYSBIO 350 (060)
Systems Biology Research
No meeting time listed
Zak Kohane

Course ID: 121507
2026 Spring (4 Credits)

SYSBIO 350 (061)
Systems Biology Research
No meeting time listed
Franziska Michor

Course ID: 121507
2025 Fall (4 Credits)

SYSBIO 350 (062)
Systems Biology Research
No meeting time listed
Maha Farhat

Course ID: 121507
2025 Fall (4 Credits)

SYSBIO 350 (063)
Systems Biology Research
No meeting time listed
Markus Basan

Course ID: 121507
2025 Fall (4 Credits)

SYSBIO 370
Advanced Topics in Systems Biology: Reading Seminar
No meeting time listed
Timothy Mitchison

Course ID: 126937
2025 Fall (4 Credits)
Instructor Permission Required

SYSBIO 370
Advanced Topics in Systems Biology: Reading Seminar
No meeting time listed
Timothy Mitchison

Course ID: 126937
2026 Spring (4 Credits)

SYSBIO 399
Introduction to Systems Biology: Rotations
No meeting time listed
Timothy Mitchison

Course ID: 121452
2025 Fall (4 Credits)
Instructor Permission Required

The course will introduce the research areas of faculty performing research in systems biology. Intended for Systems Biology lab rotations.

FAS Divisional Distribution: None

SYSBIO 399

Introduction to Systems Biology: Rotations

No meeting time listed

Timothy Mitchison

The course will introduce the research areas of faculty performing research in systems biology. Intended for Systems Biology lab rotations.

Course ID: 121452
2026 Spring (4 Credits)

FAS Divisional Distribution: None

The Lemann Program on Creativity and Entrepreneurs

Creativity and Entrepreneurshi

CE 10 (LEC)

StudioLab on Creativity and Entrepreneurship

W 0900 AM - 1145 AM

Course ID: 220632
2025 Fall (4 Credits)

Instructor Permission Required

Can we enact change to create a "better normal"? Using an interdisciplinary exploration of the liberal arts, CE 10 helps facilitate your development and application of transformative ideas to tackle today's societal challenges, such as racial injustice, climate change, and strained health and well-being. You will work to develop actionable solutions to pressing issues leveraging the UN Sustainable Development Goal (UN SDG) framework. You will learn to identify and holistically analyze a problem, work collaboratively to ideate and create an actionable approach, build an organizational strategy and business plan, network with experts to pressure-test your ideas, and persuasively communicate your ideas to build the requisite human capital and funding relationships to launch a venture. This class leverages activity-based learning, guest speaker workshops, and an active council of expert mentors to guide you through the design of your venture. This class counts towards your "Electives" graduation requirements. To enroll in the class, you must submit an application. Please visit the Canvas homepage for the application link and details. The classroom location can be found in the course syllabus, also available on the Canvas homepage.

FAS Divisional Distribution: None

CE 11

StudioLab on Creativity and Entrepreneurship

W 0900 AM - 1145 AM

Course ID: 220705
2026 Spring (4 Credits)

Instructor Permission Required

CE 11 is a 4-credit StudioLab designed for students with ventures and enterprises in the early stages of development with the goal of preparing to launch the venture/enterprise. The target student will have conceived and prototyped a solution to an intractable problem in an effort to create a "better normal" with social impact. Using an interdisciplinary exploration of the liberal arts, you will develop and apply transformative ideas to tackle today's societal challenges such as racial injustice, climate change, and strained health and well-being. You will work to execute your actionable solutions to pressing issues. You will learn to properly analyze your identified problem; work to collaboratively ideate and create an actionable plan of execution; build a scaling strategy and marketing plan; network with experts for fundraising advice; and persuasively communicate your venture to build the requisite human capital and funding relationships to launch your venture. This class will take advantage of activity-based learning, guest lecturers and speakers, and an active council of expert mentors to guide you through the launch of your venture. The term will culminate in a FounderCrush event where students will showcase their work and connect with others to move their projects along. This class counts towards your "Electives" graduation requirements. To enroll in the class, you must submit an application. Please visit the Canvas homepage for the application link and details. The classroom location can be found in the course syllabus, also available on the Canvas homepage.

FAS Divisional Distribution: None

Theater, Dance, and Media

Theater, Dance & Media

TDM CKR

Course ID: 205632
2025 Fall (4 Credits)

Introduction to Playwriting: Workshop

T 1200 PM - 0245 PM

Instructor Permission Required

Sam Marks

This workshop is an introduction to writing for the stage through intensive reading and in-depth written exercises. Each student will explore the fundamentals and possibilities of playwriting by generating short scripts and completing a one act play with an eye towards both experimental and traditional narrative styles. Readings will examine various ways of creating dramatic art and include work from contemporary playwrights such as Ayad Akhtar, Clare Barron, Aleshea Harris, Young Jean Lee, Taylor Mac, and Sanaz Toossi as well established work from Edward Albee, Caryl Churchill, Suzan Lori-Parks, and Harold Pinter.

Course Note: TDM CKR is the same course as ENGLISH CKR. Admission is based on submitted samples of writing. For information on specific application requirements, please see the English Department's Creative Writing web page.

This course satisfies the "Practical" requirement for TDM concentrators and Secondary Field students. Admission by application only. For information on specific application requirements and instructions, please see the full course listing on the English Department website. DEADLINE: for all Fall 2025 workshops, applications will open by March 24 and are due via Submittable by 11:59pm on Sunday, April 6. Students will be notified of admissions decisions by 5:00pm ET on Thursday, April 10, and must accept/claim their seats within 24 hours. Workshops will meet the first week of classes.

FAS Divisional Distribution: Arts and Humanities

TDM 90BR

Course ID: 205031
2026 Spring (4 Credits)

Spring Production Studio: Making Horizontal Theater

M 0300 PM - 0545 PM

Instructor Permission Required

Spring Production Studio will be an original piece written by students in Making Horizontal Theater: Collaborative Playwriting and Songwriting Made from Interviews (TDM 195HT), offered in Fall 2025 by Visiting Lecturers Jay Stull and Ella Rose Chary. Students are not required to enroll in both TDM 195HT and TDM 90BR in order to participate in TDM 90BR; students can choose one or the other, or both. Further details about TDM 90BR and enrollment processes will be updated in Fall 2025.

Course Note: TDM production studios (TDM 90AR/BR/CR/DR) frame and involve participation in Theater, Dance & Media's professionally directed and designed productions. Additional evening rehearsals throughout the semester and final performances at the end of the semester are required; more details and schedule are on the Canvas course page.

Participation is limited to students involved with the production, either as performers or as members of the production team. Students who wish to be part of the production team should contact Artistic Producer James Stanley, jamesstanley@fas.harvard.edu.

FAS Divisional Distribution: Arts and Humanities

TDM 90CR

Course ID: 110113
2025 Fall (4 Credits)

Fall Dance Production Studio: Odd Couple: The Dancing Body in the Digital World

M 0300 PM - 0545 PM

Instructor Permission Required

Dance is the creative expression of bodies in space and time - a centuries old art form of immediacy and feeling. Interestingly, as our lives become more digitized and removed from IRL reality, dance has gained a "new life" in the virtual world, through videos on social media and streaming platforms. As stages are swapped for smartphones, what changes can be felt, for choreographers, performers and audiences? How are the experiences of attention, agency, effort, empathy, space and time different in both mediums? And perhaps most interestingly, what happens when the worlds collide, and video technology "invades" the physical stage? In this course, we will be examining these questions through an historical survey of dance in media, and direct embodied research, manifesting as weekly choreographic experiments. Starting from a place of no particular

presumed movement experience (ie. this class is equally for the ballet pro, breakdance influencer, and living room dancing queen) we will be investigating and inventing various methods of making, with and without technology. We will learn various techniques of capture (cameras) and display (monitors and projectors), which in turn will lead to experiments with incorporating video back into live performance. The culmination of the course will be an original multimedia public performance event, co-created with lecturers, Ali and Andy.

Course Note: Additional rehearsals are required as part of participation in this course. Full rehearsal schedule will be posted on Canvas.

All are welcome, no prior dance/movement background required.

This course satisfies the "Production Studio" requirement for TDM concentrators.

Please visit Canvas page for class calendar, rehearsal, tech+performance schedule. To enroll, complete Interest Form (on Canvas page) and submit petition in my.harvard. Anyone interested in exploring and experimenting with various methods of creating and performing dance is welcome. Prior dance experience, of any style and level is welcome, but not required. Ali Kenner Brodsky and Andy Russ have been artistic collaborators and producing partners for over a decade. Their shared interests in process and performance led them to be co-founders and co-directors of Motion State Arts based in Providence, RI, whose programming includes ScreenDance RoadShow, New England's only traveling dance film series, and Small Moves, Big Picture, an evening of live dancing on a tiny 4x4 foot stage, interwoven with dance films projected on a cinematic screen. They have taught at various academic institutions including Brown University, Roger Williams University, and Salve Regina University, and have been guest artists at Keene State University, Trinity College and Colby College.

FAS Divisional Distribution: Arts and Humanities

TDM 91R

Course ID: 160980

Supervised Reading and Research

2025 Fall (4 Credits)

No meeting time listed

Instructor Permission Required

Laura Quinton

Supervised Reading and Research is a student-driven independent study advised by a faculty member on subjects of special interest that cannot be studied in courses currently offered by Harvard College. Students must submit a cover sheet (available on the TDM website) with a signature from the proposed faculty advisor along with a syllabus that includes an overview of the course, a schedule of materials covered at each meeting, and a description of assignments to be graded. The cover sheet and documents must be submitted to the DUS one week before the course registration deadline for the semester in which the student will take 91R. Thus, given prior term enrollment, the proposal must be submitted in the term before the student takes the course.

Course Note: Letter-graded only. TDM 91R is supervised by a member of TDM faculty member; however, the permission of the Director of Studies is required for these courses. May not be taken more than twice and only once for concentration credit.

FAS Divisional Distribution: Arts and Humanities

TDM 91R

Course ID: 160980

Supervised Reading and Research

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Laura Quinton

Supervised Reading and Research is a student-driven independent study advised by a faculty member on subjects of special interest that cannot be studied in courses currently offered by Harvard College. Students must submit a cover sheet (available on the TDM website) with a signature from the proposed faculty advisor along with a syllabus that includes an overview of the course, a schedule of materials covered at each meeting, and a description of assignments to be graded. The cover sheet and documents must be submitted to the DUS one week before the course registration deadline for the semester in which the student will take 91R. Thus, given prior term enrollment, the proposal must be submitted in the term before the student takes the course.

Course Note: Letter-graded only. TDM 91R is supervised by a member of TDM faculty member; however, the permission of the Director of Studies is required for these courses. May not be taken more than twice and only once for concentration credit.

FAS Divisional Distribution: Arts and Humanities

TDM 97

Course ID: 160648

Sophomore Tutorial: Foundational Concepts in Theater, Dance & Media

2026 Spring (4 Credits)

This course will introduce students to the fundamental issues in and methods of theatre and dance studies. We will engage a number of plays, essays, videos, and live performances to explore the potential of expressive forms, and ask, what can be experienced and known through performance and performing? In doing so, we will address key questions: What constitutes a theatrical event? What are its component parts? What is the relationship between written dramas, scripts, scores, and embodied performance on the stage and in everyday life? What responsibilities do the actors, dancers, directors, choreographers, designers and other members of the production team have to previous incarnation or to an author's expressed intentions? How does the spectator co-create the meaning of a given production? How does one situate performance historically and from a theoretical perspective? And how can performance become a critical tool to engage cultural, political, and philosophical issues? You will be encouraged to develop your ability to think about performance from many different perspectives and to defend your individual ideas with strong critical skills. Additionally, throughout the course of the semester we will define and demystify the complex terms that operate within this field. This course aims to give students a solid foundation to see, experience and think as performers, as artists, and as scholars of expressive behavior.

Course Note: Required of all, and limited to, concentrators.

This course satisfies the "Sophomore Tutorial" requirement for TDM concentrators.

FAS Divisional Distribution: Arts and Humanities

TDM 98

Junior Tutorial

R 1200 PM - 0245 PM

James Stanley

Course ID: 160647

2025 Fall (4 Credits)

Instructor Permission Required

This course serves as a transition between the survey nature of the sophomore tutorial and the independent senior thesis in Theater, Dance & Media at Harvard. We engage with methods and forms of theater, dance and media which may provide inspiration for your future artistic and scholarly work. Our strategy is to identify a number of contemporary and historical performances and performance archives and critically consider how they might influence your evolving identity as an artist working in live media, dance, and performance. We will delve deeply into genres of arts practices that could help you to imagine a way forward in your own work. In doing so, the goal is to advance your transition into a professional life in theater, dance, and media, and the identify your key concerns (both artistic and pragmatic) regarding a professional practice. Throughout the semester we will discuss how your personal goals and concerns intersect with political, social, and individual contemporary preoccupations in those fields. This junior tutorial is designed to organize participants into a community of singular artist interlocutors who can also supportively engage with one another's projects. You will develop methods to articulate your own intentions and impulses with great specificity, offer appropriate feedback for the stage of development for your peer's projects, and acquire facility with terms of art in theater, dance & media. Our semester is oriented to gaining autonomy and independence in relation to your interests. For the first seven weeks of the semester, we will read and explore a number of topics and ideas regarding the development of a sustainable arts practice, all the while, developing a specific set of questions pertinent to each class member's interests in the concentration. At the end of the seven weeks, students will present (both in person and online) on a company or artist whose work you have been researching in depth (the options are outlined in week 7 of the syllabus). We then pivot to your topics brought up during the first half of the semester – in essence the class will be building and completing the syllabus for the last half of October and November and December, while discussing and workshopping the development of their thesis ideas.

Course Note: Required of all, and limited to, concentrators.

This course satisfies the "Junior Tutorial" requirement for TDM concentrators.

FAS Divisional Distribution: Arts and Humanities

TDM 98 (002)

Junior Tutorial

W 0300 PM - 0545 PM

Tania Bruguera

Course ID: 160647

2025 Fall (4 Credits)

Instructor Permission Required

This course serves as a transition between the survey nature of the sophomore tutorial and the independent senior thesis in Theater, Dance & Media at Harvard. We engage with methods and forms of theater, dance and media which may provide inspiration for your future artistic and scholarly work. Our strategy is to identify a number of contemporary and historical performances and performance archives and critically consider how they might influence your evolving identity as an artist working in live media, dance, and performance. We will delve deeply into genres of arts practices that could help you to imagine a way forward in your own work. In doing so,

the goal is to advance your transition into a professional life in theater, dance, and media, and the identify your key concerns (both artistic and pragmatic) regarding a professional practice. Throughout the semester we will discuss how your personal goals and concerns intersect with political, social, and individual contemporary preoccupations in those fields. This junior tutorial is designed to organize participants into a community of singular artist interlocutors who can also supportively engage with one another's projects. You will develop methods to articulate your own intentions and impulses with great specificity, offer appropriate feedback for the stage of development for your peer's projects, and acquire facility with terms of art in theater, dance & media. Our semester is oriented to gaining autonomy and independence in relation to your interests. For the first seven weeks of the semester, we will read and explore a number of topics and ideas regarding the development of a sustainable arts practice, all the while, developing a specific set of questions pertinent to each class member's interests in the concentration. At the end of the seven weeks, students will present (both in person and online) on a company or artist whose work you have been researching in depth (the options are outlined in week 7 of the syllabus). We then pivot to your topics brought up during the first half of the semester – in essence the class will be building and completing the syllabus for the last half of October and November and December, while discussing and workshopping the development of their thesis ideas.

Course Note: Required of all, and limited to, concentrators.

This course satisfies the "Junior Tutorial" requirement for TDM concentrators.

FAS Divisional Distribution: Arts and Humanities

TDM 99A

Senior Tutorial: Senior Thesis Project

No meeting time listed

Laura Quinton

Supervised individual tutorial in an independent scholarly/critical subject or performance-based project.

Course Note: Two terms required of all thesis honors seniors. To enroll, students must have submitted for approval a Thesis Proposal in the spring term of their junior year.

FAS Divisional Distribution: Arts and Humanities

TDM 99B

Senior Tutorial: Senior Thesis Project

No meeting time listed

Laura Quinton

Supervised individual tutorial in an independent scholarly/critical subject or performance-based project.

Course Note: Two terms required of all thesis honors seniors. To enroll, students must have submitted for approval a Thesis Proposal in the spring term of their junior year.

FAS Divisional Distribution: Arts and Humanities

TDM 106P

Embodied Dramaturgy

M 0300 PM - 0545 PM

Jeffrey Page

Theater and dance students will benefit from embodied dramaturgy by exploring how language, tone and physical action enlarge implicit and explicit themes. Students will analyze text through close readings and discuss the various aspects of its sociopolitical ramifications, and how those ideas are embodied in choreographic and gestural structures. Core to this course is the pairing of black playwrights with an embodied analysis to uplifting and clarifying creative and confrontational power.

Course Note: This course satisfies the "Critical" requirement for TDM concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

TDM 109

Beginning Acting Through Scene Study and Monologue Work

HARVARD UNIVERSITY 1771 of 1792

Course ID: 207571

2025 Fall (4 Credits)

Marcus Stern

This is a beginning acting class designed both for students who have had no previous acting, performance, or any arts class experience, as well as for students who have had a fair amount of acting experience and are interested in pursuing a career in acting. The focus is on scene and monologue work using contemporary texts from theater, television and film. Core components of the class include the idea of navigating a situation as you actually would in real life, how to read a scene or monologue to figure out what your character might want from a situation, and "action-based acting" (how a person might go about getting what they want from the other person). We've designed the class around very tangible and concrete ideas and techniques, so that those who might be intimidated by the idea of an acting class, or an arts class in general, will feel exceedingly comfortable. We always have a lot of students from non-art concentrations who have had no previous art class experience. It is important to note that while the class is intentionally designed to be unthreatening, friendly and warm, the class does require a great deal of outside work. Students should expect to spend 4-6 hours per week outside of class.

Course Note: For those interested in taking the course, please submit a short (approximately) 2-3-minute Introduction Video by Monday, April 8th at 5pm. Students will be notified of their status by Thursday, April 11 at 5pm. More details about the submission process is on the Canvas course site.

This course satisfies the "Practical" requirement for TDM concentrators and Secondary Field students. For enrollment information/deadlines and course details, visit Canvas course page.

FAS Divisional Distribution: Arts and Humanities

TDM 112R

Course ID: 122906

Advanced Acting: Contemporary Texts

2026 Spring (4 Credits)

T 1200 PM - 0245 PM

Instructor Permission Required

Marcus Stern

This is an acting class designed both for students who have had no previous acting, performance, or any arts class experience, as well as for students who have had a fair amount of acting experience and are interested in pursuing a career in acting. The focus is on scene and monologue work using contemporary texts from theater, television and film. Core components of the class include the idea of navigating a situation as you actually would in real life, how to read a scene or monologue to figure out what your character might want from a situation, "action-based acting" (how a person might go about getting what they want from the other person), how to find a personal connection to a character, and how to choose material that best suits the individual actor for auditions and scene work. The focus is on scene and monologue work as well as learning how to audition. We've designed the class around very tangible and concrete ideas and techniques, so that those who might be intimidated by the idea of an acting class, or an arts class in general, will feel exceedingly comfortable. We always have a lot of students from non-art concentrations who have had no previous art class experience, and they have found the process quick and easy to learn. It is important to note that while the class is intentionally designed to be unthreatening, friendly and warm, the class does require a great deal of outside work. Students should expect to spend 4-6 hours per week outside of class, including memorization and rehearsal time for scenes and monologues.

Course Note: This course satisfies the "Practical" requirement for TDM concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

TDM 118

Course ID: 108799

Acting Alone: The Monologue

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Remo Airaldi

This course will focus on the selection, rehearsal and performance of monologues. The ability to work on a monologue--whether in the context of a play, film or as an audition piece-- is a foundational skill for all actors. We will explore various techniques to allow greater emotional, vocal and physical expressiveness in both classical and contemporary material. We'll study specific approaches to help students "act alone" creatively, honestly, and spontaneously. Students will also work on the presentation of a monologue in the context of an audition and will learn to create an effective self-tape.

Course Note: Enrollment determined by short interview/audition.

This course satisfies the "Practical" requirement for TDM concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

TDM 119

Course ID: 118497

Introduction to Voice and Speech

2025 Fall (4 Credits)

TR 1030 AM - 1145 AM

Instructor Permission Required

Erika Bailey

Whether one is performing in a play, pitching an idea, presenting research, or leading a group, the ability to use one's voice effectively is vital to the success of the performance. A resonant and varied voice enriches communication in any medium. Using several major techniques of voice training from the field of acting, students will learn the possibilities, nuances, and power of the human voice. We will explore how different modes of breathing and resonance impact effective communication. We will also explore voice and identity through discussion of regionalisms, gender and voice, and code shifting. Preference is given to Theater, Dance, and Media concentrators, but students with no previous voice or theater experience are welcome in this class.

Course Note: Admission to the course will be based on a short interviews. Please visit the class Canvas site for more details.

This course satisfies the "Practical" requirement for TDM concentrators and Secondary Field students. For enrollment information/deadlines and course details, visit Canvas course page.

FAS Divisional Distribution: Arts and Humanities

TDM 119B (1)

Course ID: 205358

Voice, Text, and the Performer

2026 Spring (4 Credits)

TR 1030 AM - 1145 AM

Instructor Permission Required

Erika Bailey

For students interested in working in theater, film, and television, this course applies advanced voice and speech skills to plays and other text written in heightened language. Building on foundational skills of breath release, resonance, and articulation, this class will integrate these skills with active and imaginative use of language structures in dramatic literature. We will investigate poetry and monologues by Euripides, Langston Hughes, Kate Hamill, George Bernard Shaw, Federico Garcia Loraa, William Shakespeare, among others. In parallel with the exploration of voice and language, we will examine different mediums in which actors might perform these texts, in outdoor performance venues, proscenium theaters, and in small spaces in front of cameras. We will experiment with the changing demands on our voices in these changing relationships with space and audience.

Course Note: TDM 119 or the equivalent is a suggested pre-requisite.

Enrollment will be determined by short interviews during registration period. Please visit the class Canvas site for more details.

This course satisfies the "Practical" requirement for TDM concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

TDM 120

Course ID: 160654

What's so Funny?: Introduction to Improvisational Comedy

2025 Fall (4 Credits)

T 0300 PM - 0545 PM

Instructor Permission Required

Remo Airaldi

Comedy has often been thought of as the poor relation to Drama but, as Lenny Bruce said, "the only honest art form is comedy because you can't fake it." We will attempt to take comedy seriously by engaging in committed, creative and collaborative "play" that will tap into each student's personal, individual sense of humor. The class will focus on the basics of improvisation: group games, narrative skills, object work, offers, spontaneity, agreement, using the space around you, building on-stage relationships and, eventually, scene work.

Course Note: Visit the Canvas course page for enrollment information and deadlines.

For enrollment information/deadlines and course details, visit Canvas course page. Auditions will take place on Thursday, 4/10 from 3 to 5pm and Friday, 4/11 from 2 to 4pm. Please visit Canvas page for details.

FAS Divisional Distribution: Arts and Humanities

TDM 121K

Course ID: 215995

Ballet, Past and Present

2026 Spring (4 Credits)

No meeting time listed

This course explores the history of ballet, classical and beyond. We will view and discuss ballets to help us think about what ballet is, and why it has been such an enduring art form in different eras and cultures. Why is it mute and does it have to be? What kind of stories can it tell and how should we read them? How do ballets survive and how do they change in the process? Who makes a ballet: a choreographer or dancers? Or is it, perhaps, a composer, designer, or story writer? Does ballet technique confine the body, as the pioneers of modern dance used to assert, or is it a form of idealist philosophy, the ultimate expression of human freedom, as twentieth-century theorists of ballet have suggested? The works to be studied include *Giselle*, *Sleeping Beauty*, *Swan Lake*, *Rite of Spring*, *Les Noces*, *Apollo*, and others. The course is classroom-only (no dancing component; only watching, reading, and discussing) but, if pandemics permit, will also include a visit to the theater as well as to a ballet class and, possibly, rehearsals. No pre-requisites.

Course Note: This course satisfies the "Critical" requirement for TDM concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

TDM 121MV

Physical Approaches to Acting and Storytelling

M 1200 PM - 0245 PM

Peter Simpson

Course ID: 223829

2025 Fall (4 Credits)

Instructor Permission Required

This course will focus on introductory principles and practices of performative and material-generative movement. We will explore movement techniques foundational to: creating characters; generating scripts and narratives; economizing and grounding stage presence; fostering ensemble cohesion; sensitizing the body to its unique capabilities of expression. Utilizing principles from Richard Maxwell, James Donlon, Charlie Oates, Anne Bogart, Blue Man Group and other ensembles/artists, we will attempt to anatomize an idealized 'neutrality', investigating the meaning and application of physical/environmental 'neutrality' on stage. We will identify the roles personal idiosyncrasy and 'disfluency' can play in the pursuit of that neutrality, and the opportunities and challenges they present to the performer. We will investigate rudimentary components of story, uncovering along the way the most essential markers for perceiving story, emotion and thought in physical performance. We will explore the beginnings of creating character and story through gradual stages using both non-verbal and text-based story (solo body, body in relationship to object, bodies in interrelationship w/ each other). In the latter part of the semester, we will experiment with stylistic schools of physical performance, including mime, Blue Man Group, Charlie Oates sculpture work, clowning/acrobatics and Viewpoints, and will also investigate ensemble cohesion and material generation through games and improvisation. Throughout the semester's explorations, we will also develop basic familiarity with simple yoga flow sequences, Taoist tai chi and other body practices geared toward conditioning/lengthening/ strengthening the physical instrument. The class will be both rigorously physical and dialectical, will include several short solo and ensemble performance pieces throughout the semester and will culminate in both a full-ensemble long form piece, as well as short individual pieces.

Course Note: No prior acting/performance experience is necessary for this class! The class can become quite physical, so appropriate dress is strongly recommended (as is prior communication about any physical issues/pain that would effect your ability to move comfortably; alternatives to assigned movements that may cause issues can always be offered).

This course satisfies the "Practical" requirement for TDM concentrators and Secondary Field students.

*Visit the Canvas course page for enrollment information and deadlines.
For enrollment information/deadlines and course details, visit Canvas course page.*

FAS Divisional Distribution: Arts and Humanities

TDM 122GM

Generative Movement

M 1200 PM - 0245 PM

Peter Simpson

Course ID: 224657

2026 Spring (4 Credits)

Instructor Permission Required

This course is a continuation of "Physical Approaches to Acting and Storytelling." Focus will continue to be on principles and practices of performative movement as it expands to include a compact survey of the global ritual underpinnings of movement performance (from the paleolithic era to present). Basic techniques will be introduced from selected performance traditions from Sanskrit, Kabuki, Kathakali theater traditions to Butoh dance, Grotowski's movement lab, Scott Graham's "Frantic Method" and Joshua Fried's headphone work. We will discuss how material may be generated through these performance methods (and will engage parallel discussion about the ethics of using quoted movement from cultural ritual and performance traditions). We will both investigate and physicalize the practices and methods of devised theater from the early 20th century to present (with a particular focus on the Dada and Futurist movements of 1910's-20's, as well as on the methods

of Bertolt Brecht). Short Futurist and Dadaist scripts will be analyzed and performed as spoken text becomes more prevalent in composing classwork. Students will write a short paper on three generative techniques covered in class and will research--or create--a fourth generative technique (from any art form) and present/discuss briefly in class (and possibly physicalize, depending on the nature of the technique). Utilizing deeper levels of Viewpoints work, Richard Maxwell and BMG's 6-Archeypye Wheel, the Frantic Method and contact improvisation we'll explore more complex qualities of character, identity, archetype, mannerism, linguistic disfluencies (verbal and non-verbal) and psychological subtext. We will shortly immerse in the world of comedy improv w/ a series of games and exercises designed to deepen intuitive 'play' impulses, deepen ensemble cohesiveness and provide more methods for material generation. We will also briefly explore Rasa Boxes as an improvisational tool. Daily class time will often involve some sort of performance or improvisation by individuals or assigned small groups, culminating in final performance projects at the end of the semester. Along the way, we will continue practice of simple yoga flow sequences, Taoist tai chi and other body practices geared toward conditioning/lengthening/ strengthening the physical instrument. The class will be both rigorously physical and dialogic...and often fun!

Course Note: No prior performance/acting/movement experience is necessary, though it is strongly encouraged to take the "Physical Approaches to Acting and Storytelling" (TDM 121MV) class first to set foundations for the vocabularies and concepts of this class.

This course satisfies the "Practical" requirement for TDM concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

TDM 128MT

Mask Theater: Performing and Designing

M 1200 PM - 0245 PM

Kate Brehm

Course ID: 224396

2025 Fall (4 Credits)

Instructor Permission Required

The mask conceals as it reveals. This course explores the practical application of masks in theater performance for actors and puppeteers. Divided between mask construction and physical explorations, the course guides students through sculpting and rendering three separate masks, which are utilized in classroom performance exercises across the semester. Students study neutral mask, character mask, the counter mask, and complex character masks as it applies to acting without a mask. Object masks and full body creatures then take students into the realm of puppetry and mask theater where symbolic figures onstage offer opportunities for metaphor and distance from the particular. In the first half of the semester students build life masks and complex character masks in the workshop. Between these mask-making sessions, we practice physical technique. To begin, students study body isolations and expressive gesture for heightened kinesthetic awareness and movement analysis. Neutral mask work utilizes imaging and visualization techniques for identification with the four elements. Work with larval masks, life masks, and simple character masks takes us to midterm. Students present their completed complex character masks in a short performance as their midterm. In the second half of the semester we explore abstract 'creature' masks in ensemble scenes and encounters with objects. For the final, newly crafted masked creatures encounter the real world in an improvisation that moves across Harvard Yard. A supportive and collaborative culture is encouraged in the classroom to foster effective feedback among students who will work closely with one another.

Course Note: Visit the Canvas course page for enrollment information and deadlines.

This course satisfies the "Practical" requirement for TDM concentrators and Secondary Field students.

Before enrolling, please send answers to the below questions to kbrehm[at]fas.harvard.edu and select to enroll in the course on my.harvard. I will reach out over email. Please be on the lookout for that email. I will approve your spot in the course after a short email exchange. 1. What is your background in performance? 2. Why do you want to take this class? What are you hoping to get out of it? Does it fulfill a requirement for you? Course format: Most classes are similar in format to a dance class. Students stretch and warm up before participating in physical theater exercises and improvisations in masks. A select number of sessions are held in the workshop of Farkas Hall where we will work with clay, plaster, paper maché, and paint to fabricate our masks.

FAS Divisional Distribution: Arts and Humanities

TDM 129B

Performing Puppetry: Bringing Objects to Life

No meeting time listed

Kate Brehm

Course ID: 212802

2026 Spring (4 Credits)

Instructor Permission Required

This laboratory movement course teaches performers how to animate puppets and objects. Students develop a movement skillset different from that of the actor or dancer, specific to the puppeteer. While training students' bodies, the course expands their minds' ability to recognize the potential for liveness in all things and generate story without words. We work with simple objects, solo tabletop puppets, giant ensemble puppets, and bunraku-style dolls. Similar in format to a dance class, students begin each day with movement exercises training specific

puppeteer skills: manipulating energy inside and outside the body; harnessing momentum and suspension; moving body appendages separately from one another; and performing 'invisibly.' Exercises lead into improvisations. Students learn to devise original dramatic material with patterns and movement dynamics in every class. We begin with non-anthropomorphic, simple objects like spheres and sticks, followed by materials that can spontaneously transform into creatures, like newspaper. At midterm, students each devise a solo scene with a tabletop puppet, figurative or otherwise. The foundation movement skills provide a common vocabulary for giving and receiving feedback. This trains students' eyes for analysis and offers a path forward for revising their performances. The second half of the course focuses on multi-operator puppets where leading and creative following is key. Students learn to perform in a group, attend to all action onstage, and, in improvisation, react with the best choice for the whole. With bunraku-style puppets, we study how to convey a sense of gravity, the mechanics of puppet walking and running, puppeteer choreography, and what makes a puppet appear to think and feel. Movement work is supplemented with short readings that engender a conversation on the nature of puppets. What is or isn't a puppet and why? Who is the puppeteer within a scene? How can this unique relationship dynamically change to support the storytelling? How does the inanimate nature of a puppet inspire choreography as well as thematic content? What is a puppet stage and how is it central to story and liveness? The final project is a group scene performed for a live audience during reading week. Homework includes practice videos, rehearsals, short readings, viewings, and journal entries.

Course Note: Visit the Canvas course page for enrollment information and deadlines.

This course satisfies the "Practical" requirement for TDM concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

TDM 130R

Directing

T 1200 PM - 0245 PM

Marcus Stern

Course ID: 123080

2025 Fall (4 Credits)

Instructor Permission Required

This is a directing class for students with no directing or any art class experience, as well as students who have a fair amount of directing experience and are interested in a career of directing in theater, or for television, film or online content. It's a class about the enjoyable process of creating and presenting stories. The emphasis is on telling stories that the student has some kind of personal connection to. The course helps students define for themselves what kinds of stories they might want to tell, then helps them figure out what the important story points are, and how to make that story impactful. Over the course of the semester each student directs 3 very short pieces (1-3 minutes) and then 3 longer pieces (5-8 minutes). Each student will make at least one of the three very short pieces a recorded and edited video, and one a live theater event. After that, for the rest of the semester, students can either choose to do all video work, all live work, or switch back and forth. Students may direct any type of material that is of interest to them, including writing their own stories if they'd like. Students will often choose to write their own stories to more closely reflect their lives and personal interests. The students create these stories outside of class (shooting and editing video or rehearsing with friends to create a story performed live). We watch all the stories together as a class, and then offer our thoughts based on trying to help each director refine the story they are trying to tell. No previous live theater or video experience is needed for this course. Students will use free video editing software to create their video work, and we provide links that help each student get a quick handle on basic video editing techniques. While we'll look at some ways that the camera and editing are used in the storytelling, this is not a technical film making class – no instructions on how to use a camera or edit is offered. Most students use their phones to record their videos. It's a very safe, relaxed and warm environment, but the class does require a great deal of work outside of class. Students should expect to spend 4-6 hours per week on their story making. Students' grades are only based on their individual effort and not in comparison to the work of other students in the class.

Course Note: Visit the Canvas course page for enrollment/application information and deadlines.

This course satisfies the "Practical" requirement for TDM concentrators and Secondary Field students.

For enrollment information/deadlines and course details, visit Canvas course page.

FAS Divisional Distribution: Arts and Humanities

TDM 134AD

The Actor / Director Collaboration

No meeting time listed

Brisa Areli Munoz

Course ID: 226754

2026 Spring (4 Credits)

Instructor Permission Required

In The Actor/Director Collaboration, Brisa Areli Muñoz will guide students through the dynamic relationship between actors and directors in both scripted and collaboratively created theater. Drawing from her extensive experience working with artistic professionals and non-professionals across sectors, as well as international collaborators, Brisa will create a space where students can explore the liberating potential of collaboration in all types of performance. Focusing on creative risk-taking and collective creation, students will engage in exercises

and rehearsals that examine how trust, communication, and flexibility build the solid foundations for a strong working relationship between actor and director. Throughout the course, students will learn how to navigate the process of bringing both written scripts and collaborative work to life. By the end of the semester, students will have a deeper understanding of how collaboration shapes the creation of theater and strengthens the work between director and performer.

Course Note: This course is open to all students, whether you're an artist or come from a different concentration and are simply eager to explore collaborative tools. No prior experience in theater is required—just a curiosity to learn how to work creatively and effectively with others. Whether you're looking to deepen your artistic practice or develop new skills for teamwork and communication in any field, this course offers valuable insights into the collaborative process.

This course satisfies the "Practical" requirement for TDM concentrators and Secondary Field students.

TDM 138H

Hamlet, Act 1

No meeting time listed

David Levine

Students will analyze, prepare, and stage Act 1 of Shakespeare's "Hamlet" in a workshop environment.

Course Note: This course satisfies the "Critical" or "Practical" requirement for TDM concentrators and Secondary Field students.

Course ID: 226519

2026 Spring (4 Credits)

Instructor Permission Required

TDM 140DL

Dance Lineages

T 1245 PM - 0245 PM

Laura Quinton

Choreographers at the forefront of dance in the United States today keep returning to dance history and the past in order to create new work. In this course, we will explore how a wide range of contemporary choreographers are building on, rejecting, and transforming the formal techniques, concepts and ideas, and social and political projects of dance artists who came before them. How are today's choreographers using history to generate art that poses new questions, tests the boundaries of dance and performance, and resonates with audiences now? Each week, we will study the work of a contemporary choreographer side-by-side with that of a major figure in dance history who influenced them. Traversing a range of styles, we will learn about these artists' biographies, creative projects, and broader cultural contexts, and consider how they are in conversation across time and space. Examining dance films, images, memoirs, interviews with artists, and live performances, we will practice describing and analyzing movement as scholars and critics. Artists will include Justin Peck and Jerome Robbins, Jamar Roberts and Alvin Ailey, Pam Tanowitz and Merce Cunningham, Ayodele Casel and Juanita Pitts, and more.

Course Note: No prior experience with dance is necessary to enroll.

This course satisfies the "Critical" requirement for TDM concentrators and Secondary Field students.

Course ID: 225885

2026 Spring (4 Credits)

Instructor Permission Required

TDM 141BD

Boston Goes Dancing

T 1245 PM - 0245 PM

Laura Quinton

Today, the city of Boston is pulsing with dance: from drag shows at Jacques Cabaret to ballets at the Opera House to salsa, samba, West African, and Bollywood classes in Cambridge. This course offers an introduction to studying and researching the wide range of dance styles that animate Boston's cultural life as well as the history of dance in our city and its influence beyond it. We will learn about major dance figures who passed through Boston's universities – among them the choreographers Gus Solomons Jr. (MIT) and Donald Byrd (Tufts), and the co-founder of New York City Ballet, Lincoln Kirstein (Harvard) – as well as how organizations such as the Institute of Contemporary Art have invited artists to test the boundaries of dance and visual arts. Further, we will examine how the city's LGBTQ+ communities and immigrant groups have used theatrical and social dancing to foster belonging and battle cultural exclusion. This is a seminar-style, discussion-based course. We will analyze a range of primary sources (dance films, photographs, reviews, interviews with artists, and more) and read essays by dance theorists as well as cultural histories of Boston to contextualize our observations and arguments.

Course ID: 226435

2025 Fall (4 Credits)

Instructor Permission Required

Additionally, we will meet with local artists and arts administrators and venture outside the classroom to see performances and historic sites. For the capstone final project, students will have the option to write an extended research paper or curate their own Boston dance festival. No prior experience with dance is necessary to enroll.

Course Note: This course satisfies the "Critical" requirement for TDM concentrators and Secondary Field students.

For enrollment information/deadlines and course details, visit Canvas course page.

FAS Divisional Distribution: Arts and Humanities

TDM 143

GAGA Movement

W 1245 PM - 0245 PM

Course ID: 204031

2025 Fall (4 Credits)

Instructor Permission Required

GAGA classes are predicated on a deep activation of the body and physical sensations. Instructions are deployed to increase awareness of and further amplify sensation, and rather than turning from one prompt to another, information is layered, building into a multisensory, physically challenging experience. While many instructions are imbued with rich imagery, the research of Gaga is fundamentally physical, insisting on a specific process of embodiment. Inside this shared research, the improvisational nature of Gaga's explorations invites movers to develop deeper connections with their own movement, both inside of, and beyond, the studio. The research of Gaga is in a continual process of evolution; classes vary and develop accordingly. Gaga classes at TDM will reflect the needs and wishes of movers present in the space.

Course Note: Late entry is not permitted. Mirrors are covered for these sessions. No background in dance techniques or Gaga is required. All are welcome.

This course satisfies the "Practical" requirement for TDM concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

TDM 148P

Koteba: Bamana Performative Traditions

M 1200 PM - 0245 PM

Jeffrey Page

Course ID: 217582

2026 Spring (4 Credits)

Instructor Permission Required

The origin of blues music—and therefore gospel, jazz, and hip-hop—has been traced directly to Mali, West Africa. Within Malian ideology, dance is a culture and there is no separation between dance and theatrical practice. Koteba is a masquerade performance tradition that utilizes the theatrical elements of satire to comment on and confront civic injustices within the Bamana ethnic society. Koteba is a word that means "big snail" in the Bamana language, and like the snail, it carries the ideologies and cosmologies of the Bamana people on its back. There are nearly 20 rhythm and movement stylings situated within Koteba. In a multiday festival, these dances are traditionally performed in succession, and often executed with the dancers forming concentric circles, which gives this theater tradition its snail-like name. Traces of this masquerade tradition can be found throughout the Caribbean and the United States in the form of Carnival and Mardi Gras. This class will focus on unpacking four of the dance and rhythm stylings over the course of 12 weeks: (1) Forokotoba, (2) Tansole, and (3) Bara/Baradong. The traditions of Noh drama, Sanskrit theater, and Greek tragedy have informed the development of American dance and theatrical forms, and similarly, a deep investigation of Koteba masquerade performance traditions will offer students of theater and dance informative tools as theorists, practitioners and historians.

Course Note: Visit the Canvas course page for enrollment information and deadlines.

This course satisfies the "Practical" requirement for TDM concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

TDM 150

Directorial Concepts and Set Design of the 20th and 21st Centuries

M 1200 PM - 0245 PM

Julia Smeliansky

Course ID: 110319

2025 Fall (4 Credits)

Instructor Permission Required

What are the similarities between Las Vegas pop diva concert design and performances at the Theater of Dionysus in 5th Century BCE Athens? How do theater architecture and design reflect changes in society? What is the process of designing an opera or a musical? This course will introduce students to some of the most influential 20th and 21st-century directors, designers, and performance artists. We will explore a range of artistic

movements that cross-pollinated the visual arts and theater over the past century and trace the artistic heritage of current theatrical experiments to their avant-garde roots. Examining how meaning in the theater is derived not only from a text but also from spatial composition, light, and overall design concepts, we will study a variety of approaches to storytelling in theater, dance, and opera. Working with primary sources in the Harvard Theatre Collection, students will develop and present short creative projects based on a wide range of theatrical texts. Students will also meet with guest artists to engage in a dialogue about contemporary design practices.

Course Note: Visit the Canvas course page for enrollment information and deadlines.

No background in theater design or directing is necessary to participate in this course. Love for theater, visual arts, and creative spirit are required.

This course satisfies the "Critical" requirement for TDM concentrators and Secondary Field students.

For enrollment information/deadlines and course details, visit Canvas course page.

FAS Divisional Distribution: Arts and Humanities

TDM 150VT

Your Responsive Eye: Visual Thinking and Creation for Theatremakers

T 0300 PM - 0545 PM

Jeff Adelberg

This course is about seeing and making, because theatre, dance, and media artists of all kinds must think visually with the same depth and precision they bring to text, story, and music. We begin by examining how the eye and brain interact—how we perceive, process, and assign meaning to visual information. From there, we will develop a rich vocabulary of visual design concepts, exploring how form and content shape attention, emotion, and narrative. On stage, the visual world must be treated as an active force in storytelling, as essential as the play itself. Through analysis, discussion, and hands-on exploration, we will train our responsive eye to see more deeply and create with intentionality. Drawing from nature, visual arts, media, architecture, everyday experience, and our individual and collective imaginations, we will compose striking, meaningful visuals and explore how they might evolve into theatrical environments. Scenery, costumes, light, projections/video, and movement will all be considered. By the end of the course, students will have developed a nuanced visual vocabulary, enabling them to craft onstage worlds where form and meaning converge to create striking, evocative experiences.

Course Note: This course satisfies the "Practical" requirement for TDM concentrators and Secondary Field students.

Course is open to all. For course details, visit Canvas course page.

FAS Divisional Distribution: Arts and Humanities

TDM 154

Designing with Light

No meeting time listed

Jeff Adelberg

This hands-on course serves as a foundation in the art and craft of creative lighting design. Students will explore the medium of light itself and its possibilities in storytelling and world-creation. Introductory exercises in perception and psychology will lead to intensive experimentation with various sources of light to create 2D images or 3D environments. Composition, form, color, time and movement will be explored, as well as the basics of lighting technology. Lighting Design has numerous applications and dimensions, and developing a degree of mastery with light as a medium is useful across many fields. While theatrical lighting equipment will be used in the course, and there will be some discussion of lighting design for performance, our focus will not be exclusively centered around design for the stage.

Course Note: This course is open to all, with instructor permission. Please email instructor explaining your interest and sharing any relevant experience.

This course satisfies the "Practical" requirement for TDM concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

TDM 157PL

Backstage Blueprint: Operational Strategy & Production Leadership in Theater

MW 1030 AM - 1145 AM

Course ID: 226434

2025 Fall (4 Credits)

Timothy Sullivan

This course delves into the core elements of technical theater management, focusing on operational strategy, backstage infrastructure, and effective leadership. Students will gain practical knowledge in areas such as stage management, lighting, sound, technical direction, costumes, automation, and production coordination while also developing the language and communication strategies essential for managing teams and collaborating with creatives, performers, and production staff. Topics include backstage operations, managing production logistics, coordinating meetings, and problem-solving in live environments. Whether you're managing a production team or navigating complex technical systems, this course prepares you to drive successful productions with confidence and precision.

Course Note: This course satisfies the "Practical" requirement for TDM concentrators and Secondary Field students.

For enrollment information/deadlines and course details, visit Canvas course page.

FAS Divisional Distribution: Arts and Humanities

TDM 158A

Introduction to Costume Design

M 1200 PM - 0245 PM

Dede Ayite

Course ID: 214575

2025 Fall (4 Credits)

Instructor Permission Required

An Introduction to Costume Design that embraces a global view. All levels are welcome to take this course. This class explores the design of clothing for the stage. How it can amplify, interpret and extend the message of the production to the viewer through delight, astonishment and provocation. Together we will explore how costume design can even assist in changing a cultural narrative. The instructor will first demonstrate the design process that a costume designer undertakes, from start to finish. Students will learn how to read and research existing dramatic text as a designer and how to manifest their vision through visual terms acting as director and designer. After carefully following the steps of a professional costume designer preparing for theatrical work, students in the class undertake an individual design project, from start to finish, under the supervision of the instructor. Students with prior experience will be challenged to further their character and conceptual development using critical thought, color, silhouettes, proportions and fabric.

Course Note: This course satisfies the "Practical" requirement for TDM concentrators and Secondary Field students.

For enrollment information/deadlines and course details, visit Canvas course page.

FAS Divisional Distribution: Arts and Humanities

TDM 158B

Foundations in Design: Costume Design II

No meeting time listed

Dede Ayite

Course ID: 222829

2026 Spring (4 Credits)

Instructor Permission Required

Building on principles and techniques studied in Introduction to Costume Design, the goal of this course is, through practice and feedback, for students to further their ability to design clothing for live performances, film and opera. Completion of design packets thoroughly enough in order to be taken into production is imperative. Students will be challenged to design costumes focusing on dramaturgy, discovery, research and articulation of visual ideas through renderings and visual packets.

Course Note: Prior experience in costume design is required.

This course satisfies the "Practical" requirement for TDM concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

TDM 164H

Playwriting: Ritual Practice and Curious Worlds

R 0300 PM - 0545 PM

Phillip Howze

Course ID: 207819

2025 Fall (4 Credits)

Instructor Permission Required

A play is a new world in and of itself. What sorts of strange, curious worlds are theater makers crafting today? What approaches are they taking to create these worlds? In this new playwriting course we will explore both text and non-texts, the wild (as well as the conventional) to discover what drives contemporary plays, devised works, and performance today. We will discuss the practices employed by various playwrights and directors—particularly women and artists of color—and try our own hand at some of these approaches. In addition, we will see live performances in realtime; engage special guest/visiting artists; collaborate with fellow classmates; and expand

our curiosities. Most importantly, we will write. This is an exploratory writing workshop with a focus on generating new material. By the end of the semester, you will have created a portfolio of new works, ideas, processes and rituals.

Course Note: This course satisfies the "Practical" requirement for TDM concentrators and Secondary Field students.

For enrollment information/deadlines and course details, visit Canvas course page.

FAS Divisional Distribution: Arts and Humanities

TDM 165H

Playwriting: Intersecting Americas

R 1200 PM - 0245 PM

Phillip Howze

Course ID: 211184

2026 Spring (4 Credits)

Instructor Permission Required

"Look around, look around at how lucky we are to be alive right now!", exclaim The Schuyler Sisters in Lin-Manuel Miranda's HAMILTON. History is happening. This inventive playwriting workshop will engage what is happening and what has happened by way of examining recent artistic projects—plays, digital media, and other texts—as stimulants towards your own original works that could live at a diversity of intersections. Weekly, we will draw inspiration from imaginative course-texts written by, primarily, contemporary writers of color across the Americas: North, Central and South American writers, as well as writers of the Caribbean. In addition, you'll also interrogate geographies & individual histories as material from which to draw generative, speculative, embodied, and process-oriented new writing practices. In this course we don't merely write. You'll also collide and collude. We'll continually make, activating alternative forms of interdisciplinary exploration through solo work, co-creation and collaboration. Across the semester, you'll be aroused to invoke the personal, the public, and the political, while exploring ideas in a variety of traditions and spaces. In addition to expanding your writing and reflective skills, you'll undertake several creative experiments in participation, spectatorship, entanglement, and somatic practice to question: how have modern theater makers been in conversation with their time and these times?

Course Note: Though there is no prerequisite for this course, this is a complementary class that can be taken along with Playwriting: Ritual Practice and Curious Worlds (TDM 164H).

This course satisfies the "Practical" requirement for TDM concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

TDM 166H

TV Writers Room

R 1200 PM - 0245 PM

Phillip Howze

Course ID: 222194

2025 Fall (4 Credits)

Instructor Permission Required

The television writers room is a unique organism. It's an occasional group, like an elected legislature — or an ephemeral society — that convenes for the sole function of collective storytelling. This exploratory writing and community-building course will examine the craft, skills and future of writing original works for televised media. Each week, we'll engage a series of practical, critical, and creative exercises. We'll also read, write, and co-create work together, in real-time. This is an intensive, highly collaborative course intended to serve as a bootcamp to those who want to write for television. The semester will consist of three modules: (1) a skills-building practicum to hone the tools of screenwriting craft and team-building, (2), a writers room simulation where you'll model positions, role-play, and collaborate with fellow writers, and (3) in-class encounters with working professionals from film and television. This is an advanced, upper-level writing workshop specifically geared towards those with a progressive, committed interest in dramatic writing, digital media development, and creative collaborations. Throughout the term, we'll read a variety of texts, screen several series, and fellowship together. In addition, as a collective we'll discuss, craft, and co-author an original new work in real-time. As in a genuine TV writers room, this class is centered around development, collaboration and co-creating in a group setting.

Course Note: Admission is by application only. Application details and deadline are posted on Canvas course page. This creative writing course is open to undergraduate students from all departments. Prospective enrollees are strongly encouraged to have previously completed at least one of the following prerequisite courses: AFVS 161L; ENGLISH CACF; ENGLISH CALR; ENGLISH CLR; ENGLISH CTV; FRSEMR 64Q; TDM 164H; TDM 165H; TDM 162B; TDM 169B; TDM/ENGLISH CKR; TDM/ENGLISH CAMR.

This course satisfies the "Practical" requirement for TDM concentrators and Secondary Field students.

For enrollment information/deadlines and course details, visit Canvas course page.

FAS Divisional Distribution: Arts and Humanities

TDM 167SC

Dramatic Writing for Social Change

T 1200 PM - 0245 PM

Ricardo Perez-Gonzalez

Course ID: 226032

2025 Fall (4 Credits)

Instructor Permission Required

Stories are a fundamental unit of cultural communication. Our shared cultural mythology is how we disseminate communal values. This course is about harnessing that power as a way to inform, interrogate, and impact. In this workshop style class, students will survey modalities of dramatic writing (theatre, film and TV) as well as embodiment techniques (playback theatre, theatre of the oppressed, improvisation, etc.) in order to apply them within a healthcare context. Classes will alternate between focusing on the craft of writing one day and embodiment explorations the next. This is a practical course, and though underpinned by theory, students will produce a work of dramatic writing, and, taking into account their abilities, engage in physical theatre exercises.

Course Note: This course satisfies the "Practical" requirement for TDM concentrators and Secondary Field students.

Please contact the instructor at Ricardo_Perez-Gonzalez@hms.harvard.edu for enrollment details and course information.

FAS Divisional Distribution: Arts and Humanities

TDM 169S

Singer + Song = Story

R 0300 PM - 0545 PM

Stew Stewart

Course ID: 215988

2025 Fall (4 Credits)

Instructor Permission Required

In Singer + Song = Story (Fall 2025), I am inviting students interested in writing songs and scenes to experiment with a unique approach to musical theater making, in a course which injects personally-political, free-spirited, DIY, Punk practices into the process of musical theater making. All this is done with an aim to shake up the show-tune and mess with the well-made-musical. Students will learn how to build "mini-musicals" as well as create their own "theater-pop-band" using a technique called "autobiographical myth-making." Students will be encouraged, not only to tell their own stories, but to "autobiographically mythologize" their personal narratives into Tales Worthy of Their Truths. Performing is encouraged but not at all mandatory. The Auto-Bio-Myth-Making approach also teaches techniques designed to help creators cast off the debilitating self-criticism that takes the fun out of creating.

Course Note: To be approved in the course, students must submit work samples of any kind: general writing, plays, lyrics/poems, music, etc. Students must submit at least one of the following, Ideally two, for consideration:

3 examples of songs or music they've written.

3 lyric writing examples

3 performance videos (on-stage or singing into your phone)

Visit the Canvas course page for enrollment information and deadlines.

This course satisfies the "Practical" requirement for TDM concentrators and Secondary Field students.

For enrollment information/deadlines and course details, visit Canvas course page.

FAS Divisional Distribution: Arts and Humanities

TDM 172B

Performing Outside the Theater

T 0300 PM - 0545 PM

Tania Bruguera

Course ID: 221689

2025 Fall (4 Credits)

Instructor Permission Required

Artists can de-naturalize things that were always there. They can transform a modest action into an unforgettable experience. Discreet performances can liberate forgotten feelings. But, are we trained to "see" outside the theater? Could a bench on a park be the perfect place to experience a dramatic plot? Would your kitchen table be the best set for a scene? In this class, we are going to experience the displacement of theatrical constructions. We are taking the "frame" of theater and situate it in diverse environments and situations (from your living room to the street to a phone call to a post on social media). We'll experiment with duration (from a minute performance to a semester long performance) to understand the potential of our scripts.

Course Note: Please note application process and deadlines on Canvas course page.

This course satisfies the "Critical" or "Practical" requirement for TDM concentrators and Secondary Field students.

For enrollment information/deadlines and course details, visit Canvas course page.

TDM 174B

Creative Producing: How to Resource Artistic Vision

Course ID: 216360
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Evan O'Brien

Producer. Curator? Fundraiser? Politician? Creator? The producer is all of those and more. This course explores traditional producing models in the theatre while also imagining ways to break boundaries and produce new, innovative performances. With a particular focus on nonprofit institutions and independent projects, this course will examine the role of the producer in facilitating creative development as well as resourcing projects sufficiently and responsibly. Students will learn about the history of theatrical producing and the evolution of the role of producer. Additional units will focus analyzing the mission and vision of nonprofit institutions, labor negotiations and collective bargaining agreements, financial analysis, commercial vs. nonprofit producing, and the role of the audience in performance.

Course Note: This course satisfies the "Practical" requirement for TDM concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

TDM 174PO

Performing the Orient

Course ID: 224593
2025 Fall (4 Credits)

W 0300 PM - 0545 PM

Magic carpets, glittering pagodas, harem fantasies...Orientalism dominated Europe's creative landscape and imagination since the 1700s, but what purpose did it serve? This class will explore over 300 years of "exotic" portrayals of "Orientals" on the Western ballet and opera stages, and geopolitics that impacted how we view Asian people and cultures to this day: from Genghis Khan, the Opium Wars, Chinese Exclusion, to Japanese Internment and #StopAsianHate. The course will also examine the creative process of shifting a Eurocentric work of art for a multiracial audience and provide practical frameworks for how to create art outside of your own cultural experience.

Course Note: The course welcomes all those interested to enroll. No prior experience or knowledge required. Open to undergraduate and graduate students.

This course satisfies the "Critical" requirement for TDM concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

TDM 181M (1)

Intersections: Theater, Democracy and Civic Practice

Course ID: 220154
2026 Spring (4 Credits)

W 0300 PM - 0545 PM

Instructor Permission Required

Dayron Miles

An exploration of theatrical practice, democratic engagement and the ways they intersect. Over the semester students will engage in lively dialogue with theater and multi-hyphenate artists, community organizers, activists and civic leaders from around the country to examine relationships between art making processes and protests, civic discourse and artistic activation.

Course Note: This course satisfies the "Critical" requirement for TDM concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

TDM 186HT

Trash Aesthetics

Course ID: 226520
2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

James Stanley

"Trash" emerged as an aesthetic category in the 1950s and 60s in reference to the torrent of b-movies that Hollywood had pumped out quickly and cheaply over the previous decades. "Trash" referred not only to the

disposable nature of these films, but also to the values they represented (or undermined) in their representations of cheap melodrama, tawdry sex and sensational violence, and to the potential for their corrupting influence on a new category of disposable youth, the juvenile delinquent. In the 1960 and 70s, the aesthetics of "trash cinema" were adopted as an artistic strategy by queer, Black and other minoritarian artists not only in cinema, but also in theater, visual art, and the new and growing field of performance art, slyly claiming their place in American culture through the back door of the "low other." This course traces a history of "trash aesthetics," and the discourses surrounding them, from their emergence in the work of Jack Smith, Paul Morrissey, and John Waters in the 70s through punk, performance art and cinema of transgression in the 80s, avant-garde theater, drag and neo-burlesque in the 90s, the mainstreaming of trash culture through high fashion, tabloid talk shows and reality television in the 00s, and back into live theater, music and social media performance in the 10s and early 20s. In tracing this history, we'll explore the politics of transgression, abjection, taste and class, trash's relationship to camp, kitsch and irony, competing claims to "trash" status by the political left and right, and – alongside this – the long history of artists using actual garbage as both a medium and the subject of their work.

Course Note: This course satisfies the "Critical" requirement for TDM concentrators and Secondary Field students.

TDM 194

Course ID: 205365

The Making of a Musical: The Creative Process

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Ryan McKittrick, Diane Paulus

This course introduces students to the collaborative process of creating a musical through an analysis of both revivals and new musicals. Through readings by historians, theorists and practitioners, and engagement with artists across the field, students will learn about the key components of a musical including: book and adaptation; music and lyrics; choreography; and visual design. There will also be a class devoted to the art of producing and the business of musical theater. Students will study a range of American musicals, including work in development at the American Repertory Theater (A.R.T.). In addition, the course will give students direct exposure to the development of the A.R.T.'s world premiere production of *Real Women Have Curves*, which will open at the Loeb Drama Center in December, 2023. Over the course of the semester, students will write a paper analyzing the process of adaptation from source material to musical on stage. They will also work collaboratively to develop a vision and "pitch" for their own musical theater project. Students will attend a workshop rehearsal of an A.R.T. musical in development in New York City and see a TBD production on Broadway.

Course Note: This course satisfies the "Critical" requirement for TDM concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

TDM 194S

Course ID: 222193

The Show-Tune Canon Meets the No-Show Songbook

2026 Spring (4 Credits)

No meeting time listed

Instructor Permission Required

Stew Stewart

THE SHOW-TUNE CANON & THE NO-SHOW-SONGBOOK invites students to view the history of musical theater's greatest songs through a comparative lens which places the Show-Tune-Canon in dialogue with the "No-Show-Songbook" a songbook stretching from African- American blues & jazz all the way to rock and roll, disco, punk, and beyond. This course wants to take Company's Bobby for a walk on Lou Reed's wild side, or maybe find Lou waiting at Bobby's stage-door. The course asks many questions: What can we learn about musical theater by listening to the music that often informed it, but never made it to the stage in its authentic form? What can we learn about musical theater by listening to the popular music it influenced? What can we learn by creating radical conversations between ultra-modern pop and traditional show-tunes? What can we learn about the chosen subject matter of show-tunes vs no show tunes? What can we learn about race, class, gender, sexuality, capitalism and beyond by comparing how these subjects are framed in the show-tune realm vs the popular song realm? This course will help students locate what is dramatic about The Slits "Typical Girls" and what is punky about Elaine Strich's "Ladies Who Lunch." (When Strich sings "Everybody dies!!!" It has decidedly more to do with Siouxsie than Streisand).

Course Note: This course satisfies the "Critical" requirement for TDM concentrators and Secondary Field students.

FAS Divisional Distribution: Arts and Humanities

This workshop teaches the practices and politics surrounding what has been defined variously as "non-fiction," "documentary," "interview-based," or "investigative" theater. We call this theater "horizontal" because its text, source material, and process are multivariate, self-consciously non-hierarchical, and aspirationally democratic: generated by and with communities through interviews. In this workshop students will build and present a reading of a full-length piece of horizontal theater. They will collectively choose the topic and scope of the production, study existing models, and interrogate the design of live theater in order to develop an original aesthetic sensibility for a stage presentation. Students will determine by consensus whom to interview and about what subject of interest; they will conduct those interviews, record them, and transcribe them; and they will use verbatim language from those interviews to build lyrics, write songs, monologues, and dialogue, ultimately constructing a full-length play with music and/or a musical. In addition, students will examine existing models of horizontal theater and discuss the politics of representation and risks of appropriation that surface in this kind of work. Models of meaningful horizontal theater include (but are not limited to): Lynn Nottage's *Sweat*, Anna Deavere Smith's *Fires in the Mirror*, Tectonic Theater Project's *The Laramie Project*, and *The Civilians' Gone Missing*, and *In the Footprint*. Students will also engage with problems that arise from horizontal theater: first, the confusion that can attend horizontal theater when aesthetic demands conflict with journalistic ethics such as that generated by Mike Daisey's *The Agony and the Ecstasy of Steve Jobs*; second, the erasure caused by ignoring lineage, representation, membership, and appropriation, as represented by the conflict of rightful authorship between Tourmaline and David France over their respective documentaries about Marsha P. Johnson. This workshop has the spirit of a lab, wherein the aesthetics of horizontal theater are modeled, deconstructed, questioned, and ideally re-invented, where students think seriously about the identities of their subjects as well as their own, and where conversations about art-making, presentation, and politics are courageous, respectful, and never less than daring.

Course Note: For Fall 2025, TDM 195HT is generating material and content for the Spring Production Studio (TDM 90BR), taking place in Spring 2026. Students are welcome to enroll in either or both courses.

This course satisfies the "Practical" requirement for TDM concentrators and Secondary Field students. The course will be taught by Visiting Lecturers playwright/director Jay Stull and writer/performer Ella Rose Chary. For enrollment information/deadlines and course details, visit Canvas course page.

FAS Divisional Distribution: Arts and Humanities

Over the past few decades, audiences have grown increasingly enamored with the figure of the singer-songwriter. Listeners today crave the confessional and the direct address, modes of intimacy through which artists sell themselves as much as their music. In this course, we will explore the biographies and oeuvres of popular musicians who divulge their private lives—or at least seem to—for our pleasure. In particular, we will consider how the relationships between artists and audiences are constructed in the media, from democratized social media platforms to exploitative tabloids to the controlled narratives of production and industry. Surveying musicians from Joni Mitchell and James Taylor to Taylor Swift and Chappell Roan, we will disentangle the contradictory knots tying together authenticity, persona, labor, and profit in the music industry. How does identity inform production and consumption of popular music, from the gendered expectation that women perform "confessional" music, to racialization of genre in popular music? We will also confront our own culpability as consumers, exploring themes of parasociality, intimacy, and the expectations society places on celebrities.

Course Note: No prior knowledge or experience is required for this course.

This course satisfies the "Critical" requirement for TDM concentrators and Secondary Field students.

In this course, students will confront how themes of violence and gender inequality have shaped the politics and aesthetics of country music, from its origins in the early 20th century to its broad contemporary popularization.

From murder ballads—a subgenre normalizing violence against women—to recent declarations of political ideology, the genre has undergone a shift in what is considered acceptable for radio play. Since the 1980s, women artists including the Chicks, Martina McBride, and Reba McEntire have addressed issues of domestic violence in their music, paving the way for the graphic revenge fantasies of twenty-first century artists like Carrie Underwood, Miranda Lambert, and Taylor Swift. In this course, we will confront audiences' often violent responses to non-white and non-male artists (from Beyoncé and Lil Nas X to Chappell Roan and Orville Peck), examining how this discrimination shapes the genre and industry. On the other hand, how do media narratives surrounding country music's audience demographics impact how it is perceived, even for women and non-white artists? We will also discuss how artists emphasize themes of gendered violence in music videos and deploy humor as a means to make such messages more palatable. Students will consider how country music's depictions of gendered violence have influenced and reflected real-world issues.

Course Note: No prior knowledge or experience is required for this course.

This course satisfies the "Critical" requirement for TDM concentrators and Secondary Field students.

Ukrainian Studies

Ukrainian Studies

UKRAN 200A

Course ID: 122758
2025 Fall (4 Credits)

Ukrainian Studies: Seminar

No meeting time listed

Instructor Permission Required

Serhii Plokhii

Interdisciplinary seminar in Ukrainian studies with broad regional and comparative perspective. Faculty and invited scholars discuss a variety of topics in the humanities and social sciences. Background readings and follow-up discussions help students put the specific lectures in broader context. Students also conduct an individually tailored reading and research project under the guidance of a faculty advisor and in consultation with other resident specialists. Part one of a two part series.

Full Year Course: Divisible Course

FAS Divisional Distribution: None

UKRAN 200B

Course ID: 159859
2026 Spring (4 Credits)

Ukrainian Studies: Seminar

No meeting time listed

Instructor Permission Required

Serhii Plokhii, Michael Flier

Interdisciplinary seminar in Ukrainian studies with broad regional and comparative perspective. Faculty and invited scholars discuss a variety of topics in the humanities and social sciences. Background readings and follow-up discussions help students put the specific lectures in broader context. Students also conduct an individually tailored reading and research project under the guidance of a faculty advisor and in consultation with other resident specialists. Part two of a two part series.

FAS Divisional Distribution: None

Full Year Course: Divisible Course

Women, Gender, and Sexuality, Studies of

Women, Gender & Sexuality

WOMGEN 91R

Course ID: 117918
2026 Spring (4 Credits)

Supervised Reading & Research

No meeting time listed

Instructor Permission Required

Michael Bronski

WOMGEN 91R (1)

Supervised Reading & Research

No meeting time listed

Michael Bronski

Course ID: 117918
2025 Fall (4 Credits)

Instructor Permission Required

FAS Divisional Distribution: Social Sciences

WOMGEN 97

Tutorial - Sophomore Year

TR 1030 AM - 1145 AM

Michael Bronski

Course ID: 120677
2025 Fall (4 Credits)

Instructor Permission Required

An introduction to foundational concepts, key texts, and skills in the interdisciplinary study of gender and sexuality. Required for all WGS concentrators, this course encourages students to think and work collaboratively, engage in productive conversations, and apply theoretical tools in concrete, problem-solving efforts. Course culminates in an original research project conducted in the Schlesinger Archives.

Course Note: Required of Women, Gender, and Sexuality concentrators in their first year in the concentration. Recommended for undergraduates pursuing a secondary field in WGS.

FAS Divisional Distribution: Social Sciences

WOMGEN 98S

Tutorial - Junior Year: Research and Methods

W 1200 PM - 0245 PM

Caroline Light

Course ID: 122980
2026 Spring (4 Credits)

Instructor Permission Required

In Junior Tutorial, students develop key research and writing skills necessary to write a junior research paper. We will read a range of texts that engage diverse methods in the fields of women's, gender, and sexuality studies. Together, we will learn about methods and questions that form feminist engagements with archival research, literary and cultural studies, ethnography, quantitative and survey-based social science, and the sciences. Students will learn and engage with key methods across the humanities and social sciences through readings and engage practice in the classroom. Students will meet in small groups with their designated tutor who will guide them through research and writing on the particular topic of their interest. Over the course the semester, students will develop a research project in a focused area based in a clear and concise research question. Students will develop research projects, produce an annotated bibliography with primary and secondary sources, and will produce a final polished research paper by the end of the semester. This course is required of all Honors concentrators in WGS in their junior year.

Course Note: Required of all Honors concentrators in their junior year.

FAS Divisional Distribution: Social Sciences

WOMGEN 99A

Tutorial - Senior Year

F 0900 AM - 1145 AM

Linda Schlossberg, Jung Choi

Course ID: 119201
2025 Fall (4 Credits)

Instructor Permission Required

Course Note: Both WGS 99a and 99b are required of all honors concentrators in their senior year.

FAS Divisional Distribution: Social Sciences

WOMGEN 99B

Tutorial - Senior Year

Course ID: 117064
2026 Spring (4 Credits)

Course Note: Both WGS 99a and 99b are required of all honors concentrators in their senior year.

FAS Divisional Distribution: Social Sciences

WOMGEN 1200WH (1)

Course ID: 226218

Making and Unmaking Women in African History

2026 Spring (4 Credits)

T 0300 PM - 0545 PM

Instructor Permission Required

Marius Kothor

From matriarchs to monarchs, spiritual mediums to anti-colonial activists, African women have always been central figures in the histories of their societies. But who is defined as a woman in African societies and when and where does this matter? In this course we will explore the idea of womanhood across various African communities and think through the ways that the category "woman" changes overtime and functions differently in relation to other social categories like class, age, and religion.

WOMGEN 1208

Course ID: 220297

Gender and Sexuality in Korean Pop Culture

2025 Fall (4 Credits)

W 0900 AM - 1145 AM

Instructor Permission Required

Jung Choi

What can the songs of BTS and Blackpink, the TV-show "Squid Game," and the films Parasite and Kim Chi-yŏng: Born 1982 teach us about gender roles in contemporary Korea? What roles do writers, musicians, and filmmakers play in shaping our thinking about sex and gender? How do competing ideas about sex shape the current system of cinematic, television, and popular music genres? These questions will be explored through case studies of Korean popular media, while the course will simultaneously provide a broad introduction to the field of women, gender, and sexuality studies. Topics will include privilege, class, inequality, masculinity, femininity, eating disorders, beauty ideals, marriage, family relationships, reproductive rights, housework, intimacy, and violence against women.

FAS Divisional Distribution: Social Sciences

WOMGEN 1209

Course ID: 218527

Dangerous Words: Feminist Debates on Speech, Harm, and Representation

2025 Fall (4 Credits)

M 0300 PM - 0545 PM

Instructor Permission Required

Clarisse Wells

What does it mean to strike a balance between the democratic foundations of the freedom of speech on the one hand and the need for historically marginalized groups to resist exclusionary or derogatory language on the other? This course approaches this topic by examining key debates in feminism, speech, and representation. Topics include critiques of pornography, cancel culture, trigger warnings, hate speech, slurs, and cultural appropriation. We will begin by orienting ourselves to the legal frameworks of the freedom of speech in the North American and European contexts before turning to philosophical and critical theories analyzing the possible impacts of incendiary language on our democratic ideals. Our goal is to unpack the civic foundations of our democracy and interrogate the societal and ethical questions around subordinating speech. No philosophical or legal background is assumed prior to enrollment.

FAS Divisional Distribution: Social Sciences

WOMGEN 1215 (1)

Course ID: 226814

RuPaulitics: Drag, Race, and Power

2026 Spring (4 Credits)

M 0300 PM - 0545 PM

Instructor Permission Required

Kareem Khubchandani

Since the launch of RuPaul's Drag Race in 2009, the show has grown to include more than 20 franchise shows

worldwide, has amassed the host a net worth to \$60 Million, and has launched the careers of over 600 artists. There is a veritable global drag boom. What characterizes the popularization of this genre and what is lost and gained by marginalized communities in these mediated, political, and economic changes? Through the examination of contemporary and historical drag archives, as well as critical readings on race and gender, this course will provide students with robust tools to analyze drag, live performance, and queer and trans cultures more broadly. We will explore how performers both participate in and respond to the commercialization of this artform. The course will also include performance-based exercises, attendance at local drag shows, and visits from various artists to immerse students in the embodied politics of drag.

WOMGEN 1216

Women's Voices in Asian and Asian American Literature

M 1200 PM - 0245 PM

Jung Choi

Course ID: 220298

2026 Spring (4 Credits)

Instructor Permission Required

This course introduces students to the writings of both canonical and lesser-known Asian and Asian American women writers. The course especially examines the works by Chinese/ Chinese American, Japanese/ Japanese American, Korean/ Korean American women writers. Moving from the pre-modern to contemporary era, the course will explore a range of women's voices and experiences as reflected through poetry, fiction, diaries, and epistles. Authors will include Murasaki Shikibu, Ban Zhao, Ono no Komachi, Lady Hyegyōng, Qui Jin, Higuchi Ichiyo, Kim Wŏn-ju, Han Kang, Yoshimoto Banana, Maxine Hong Kingston, Julie Otsuka, and Min Jin Lee. Topics will include family, marriage, loyalty, motherhood, women's rights, sexual violence, same- sex desire, censorship, and gender and race politics.

FAS Divisional Distribution: Arts and Humanities

WOMGEN 1217

Psychology of the Gendered Body

R 1200 PM - 0245 PM

Nicole Noll

Course ID: 205489

2025 Fall (4 Credits)

Instructor Permission Required

Our perceptions of gender—our own and others'— shape our embodied experiences and behaviors. This course examines the embodiment of gender via the lens of psychological science. We will begin by exploring recent research related to gender and the body, and then study the underlying psychological mechanisms that influence our self-perceptions about gender. Our disciplinary foundation in psychological science will allow us to complicate current understandings of gender and embodiment by considering factors such as sex, race, sexuality, experience, intention, and awareness.

Course Note: Synchronous attendance required. Class meetings will not be recorded.

FAS Divisional Distribution: Social Sciences

WOMGEN 1274

Gender, Race, and Poverty in the United States

TR 0600 PM - 0715 PM

Marya Mtshali

Course ID: 207786

2026 Spring (4 Credits)

Instructor Permission Required

This course investigates the realities of poverty through an intersectional lens, meaning that we will consider the simultaneous impact of race, gender, sexuality (and other identities) on economic insecurity. In what ways are conversations about poverty and its causes infused with assumptions and stereotypes related to gender, race, and sexuality? We hear so much in the media about what causes poverty – what is reality and what is myth? How do these myths operate to reinforce and sustain economic inequality? Who and what gets left out of the conversation about poverty? Topics in the course include historical understandings of poverty; intergenerational class mobility; depictions of poverty in pop culture; and bringing attention to populations that often get left out of mainstream conversations about poverty.

Course Note: Weekly lecture plus an additional one hour section to be arranged.

Synchronous attendance required. Class meetings will not be recorded.

FAS Divisional Distribution: Social Sciences

WOMGEN 1283 (1)

Love's Labors Found: Uncovering Histories of Emotional Labor

T 0900 AM - 1145 AM

Caroline Light

Course ID: 207804
2026 Spring (4 Credits)

Instructor Permission Required

How do love, care, and desire influence the value of work, and why is emotional labor – which is vital to child or elder care, domestic labor, nursing, teaching, and sex work – often considered to be something other than work? How and why do the racial and gender identities of workers affect the economic, social, and emotional value of their labor? How do political and social arrangements of labor help produce and reinforce racial categories while solidifying the boundaries separating masculinity and femininity? Through a mix of primary and secondary sources, this seminar explores histories of emotional labor and the power structures that give meaning to often taken-for-granted categories of work. These sometimes hidden histories are key to untangling the gender, sexual, and racial implications of the "intimate industries" that populate today's transnational labor economies.

Course Note: This course, when taken for a letter grade, counts as a portal course for the secondary field in Ethnicity, Migration, Rights (EMR).

Synchronous attendance required. Class meetings will not be recorded.

FAS Divisional Distribution: Arts and Humanities

WOMGEN 1312 (1)

Global Health and Gender Politics

M 1200 PM - 0245 PM

Roberto Sirvent

Course ID: 226217
2025 Fall (4 Credits)

Instructor Permission Required

Drawing on interdisciplinary and transnational approaches to reproductive health, feminist bioethics, and trans liberation movements, this seminar centers on four key topics of discussion. The first explores reproductive justice in a global context. The second introduces students to key conversations in trans philosophy and how these theories draw from and inform trans health activism – both in its demands for gender-affirming care and its struggle against anti-trans moral panics around the world. The third considers worker exploitation as a crucial issue in global public health, paying special attention to the treatment of women and migrants employed in hospitality and service sectors, unpaid and underpaid care work, and other low wage jobs. The fourth examines the intersection of global health and the world of sports, particularly the ways sport governing bodies rely on colonial logics of ability and disability to reinforce racialized ideals of sexual difference and how modern sport's "culture of risk" leads to various forms of harm, injury, and abuse. The seminar is especially relevant for students interested in the fields of medical anthropology, public health, Black studies, moral philosophy, philosophy of medicine, and science, technology, and society studies (STS).

FAS Divisional Distribution: Social Sciences

WOMGEN 1400E (1)

Queer Ethnography

T 0300 PM - 0545 PM

Kareem Khubchandani

Course ID: 226482
2025 Fall (4 Credits)

Instructor Permission Required

Ethnography is a potent research method for understanding how structures of power function at the level of the everyday. Through participant observation, interview, and co-performance, ethnographers and their interlocutors reveal the capacity for culture to secure, undo, and invent forms of social and political structure. This research method is not fixed in its protocols but flexes and shifts in response to the specificities of the field. Ethnographic studies of gender and sexual dissidents—gay neighborhoods, trans raves, sex work, lesbian parties, BDSM dungeons, AIDS activism—require careful (re)considerations of anonymity, sensationalization, reciprocity, space, identity, and labor. Also, queer ethnographers have reflected on the urgent need to consider the researcher's own body, comportment, and desire in order to generate more responsible analyses of fieldwork. This class introduces students in Women, Gender, and Sexuality Studies to ethnographic research methods as they pertain to exploring questions of bodies, pleasure, power, and desire. The curriculum will include experiential opportunities to try on various ethnographic tools, as well as studies of queer ethnographies from a variety of disciplines.

FAS Divisional Distribution: Social Sciences

WOMGEN 1410

Course ID: 220208
2025 Fall (4 Credits)

The Politics of Personal Writing

T 1200 PM - 0245 PM

Instructor Permission Required

Linda Schlossberg

A long tradition of feminist writing asserts that the personal is political. In this creative writing class, we will critically examine the work of feminist and queer authors such as Dorothy Allison, Roxane Gay, Cathy Park Hong, Audre Lorde, Imani Perry, and Margaret Talusan who use personal experience as a starting point for arguments about class, race, ethnicity, gender, and sexuality. Examining how these authors draw on traditions crafted by earlier authors such as James Baldwin and Virginia Woolf, we'll ask what this tradition has accomplished in different historical moments and how genres such as the "personal essay" and the "op-ed" have been implicitly gendered. We will think about our own cultural moment, in which we are collectively encouraged to "tell our story" via an endless proliferation of self-revelatory texts (blogs, TikTok, Twitter). Why has the genre of "the personal" become so popular in the 21st century and what does this signal for the future of feminist/queer thought and inquiry? Students will share their own creative writing and provide extensive feedback on their peers' work.

FAS Divisional Distribution: Arts and Humanities

WOMGEN 1426 (1)

Course ID: 212894
2026 Spring (4 Credits)

The Sexual Life of Colonialism

M 1200 PM - 0245 PM

Instructor Permission Required

Sexuality has long shaped racial and civilizational assessments of what it means to be modern. In this course, we will investigate the role of colonialism and neocolonialism in racial imaginations of gender and sexuality and how these histories shape contemporary understandings of LGBTQ politics, reproductive and sexual rights, and anti-colonial resistance around the world. We will explore histories of sexual control, colonial and racial difference, and marginalized, queer, and trans sexualities in colonial and postcolonial spaces, including parts of West Asia, South Asia, and Sub-Saharan Africa. The course will cover many forms of sexuality, including interracial relationships between colonizer and colonized peoples, questions of sexual violence, queer desires, sexual outcasts like "prostitutes," transgender rights, and the politics of gender difference and LGBTQ rights in the postcolonial world.

FAS Divisional Distribution: Social Sciences

WOMGEN 1471 (1)

Course ID: 226219
2026 Spring (4 Credits)

Politics and Poetics of Black Internationalism

W 0300 PM - 0545 PM

Instructor Permission Required

Marius Kothor

Black people around the world often express links between their struggles and the struggles of other groups of people around the globe. These expressions of solidarity are performed for a variety of political and cultural reasons. This course examines the how Africans, Afro-Caribbeans, and African Americans have articulated and formed solidarities between themselves and other groups of people around the globe for a variety of political purposes. These transnational engagements have produced rich cultural exchanges that are reflected in the visual arts, fashion, music, dance and a variety of writing genres. This course engages with the histories and ideas that have formed the foundations of these movements.

WOMGEN 2000

Course ID: 122276
2025 Fall (4 Credits)

Live Theory (and Practice): A Graduate Proseminar in WGS Studies

T 0900 AM - 1145 AM

Instructor Permission Required

Sarah Richardson

This seminar supports graduate students in becoming feminist scholars. The focus is twofold: research methodology and professional development. Readings, discussions, and assignments are designed to help students identify research strategies suited to the questions they wish to pursue in their dissertation research and develop a scholarly, teaching, and public intellectual profile in WGS studies. Topics and central themes include: feminist epistemologies; qualitative, quantitative, and humanistic research methods; research ethics; disciplinarity and interdisciplinarity; feminist scholarship in policy and public discourse; critical perspectives on

the institutionalization of WGS studies; feminist pedagogy; and, journals and publishing.

Course Note: Open to PhD students only. Is required for the WGS graduate secondary field. Synchronous attendance is required. This course will not be recorded.

FAS Divisional Distribution: Social Sciences

WOMGEN 3000J (1)

Reading and Research with Prof. Durba Mitra

MF 0900 AM - 1015 AM

Durba Mitra

Course ID: 225029

2025 Fall (4 Credits)

Instructor Permission Required

WOMGEN 3010A

Supervised Reading and Research-GenderSci Lab. Part one of a two-part series.

No meeting time listed

Sarah Richardson

Course ID: 213359

2025 Fall (4 Credits)

Instructor Permission Required

WOMGEN 3010B

Supervised Reading and Research-GenderSci Lab. Part two of a two-part series.

No meeting time listed

Sarah Richardson

Course ID: 213360

2026 Spring (4 Credits)

Instructor Permission Required