

# Fall Program for Freshmen (X)

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## Courses

Expand all course descriptions [+]Collapse all course descriptions [-]

### XAGRS 10A Introduction to Greek Civilization 4 Units

Terms offered: Fall 2022, Fall 2021

Study of the major developments, achievements, and contradictions in Greek culture from the Bronze Age to the 4th century BCE. Key works of literature, history, and philosophy (read in English translation) will be examined in their political and social context, and in relation both to other ancient Mediterranean cultures and to subsequent developments in Western civilization.

Introduction to Greek Civilization: Read More [+]

#### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XAGRS 10A after completing AGRS 10A.

#### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 1 hour of discussion per week

#### Additional Details

**Subject/Course Level:** UCB EXT FPF-Ancient Greek and Roman Studies/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructors:** Syed, Yasmin

**Formerly known as:** UCB EXT FPF-Classics 10A

Introduction to Greek Civilization: Read Less [-]

Expand all course descriptions [+]Collapse all course descriptions [-]

### XAFRICA 98 Directed Group Study 2 Units

Terms offered: Fall 2019, Fall 2018, Fall 2017

The subject matter will vary from semester to semester and will be taught by the facilitator. Topics to be related to African American Studies.

Directed Group Study: Read More [+]

#### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students who have completed XAFRICA 98 may not receive credit for AFRICAM 98.

#### Hours & Format

**Fall and/or spring:** 15 weeks - 2 hours of directed group study per week

#### Additional Details

**Subject/Course Level:** UCB EXT FPF- African American Studies/Undergraduate

**Grading/Final exam status:** Offered for pass/not pass grade only. Alternative to final exam.

Directed Group Study: Read Less [-]

Expand all course descriptions [+]Collapse all course descriptions [-]

### XAMRSTD 10 Introduction to American Studies 4 Units

Terms offered: Fall 2022, Fall 2020

American culture and cultural change, with attention to the multicultural basis of American society and emphasis on the need for multiple methods of analysis. The course will consistently draw on the arts, material culture, and various fields affecting cultural production and meaning. Those areas include literature, film, history, architecture, history of art, religion, music, engineering, environmental studies, anthropology, politics, economics, law, and medicine.

Introduction to American Studies: Read More [+]

#### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XAMRSTD 10 after completing AMERSTD 10, or AMERSTD 10AC. A deficient grade in XAMRSTD 10 may be removed by taking AMERSTD 10, or AMERSTD 10AC.

#### Hours & Format

**Fall and/or spring:** 15 weeks - 3-4 hours of lecture and 0-1 hours of discussion per week

#### Additional Details

**Subject/Course Level:** UCB EXT FPF-American Studies/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Craghead

Introduction to American Studies: Read Less [-]

Expand all course descriptions [+]Collapse all course descriptions [-]

## XASAMST R2B Reading and Composition 4 Units

Terms offered: Fall 2022, Fall 2020

This course examines literary works by Asian American, African American, Chicano, and Native American writers in their political and social contexts, focusing on similarities and differences between the experiences of ethnic minorities in the U.S. Emphasis is on literary interpretation and sustained analytical writing. Satisfies the second half of the Reading and Composition requirement

Reading and Composition: Read More [+]

### Rules & Requirements

**Prerequisites:** UC Entry Level Writing Requirement or UC Analytical Writing Placement Exam. Successful completion of R\_A course or its equivalent is a prerequisite to R\_B. Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XASAMST R2B after completing ASAMST R2B. A deficient grade in XASAMST R2B may be removed by taking ASAMST R2B.

**Requirements this course satisfies:** Satisfies the second half of the Reading and Composition requirement

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 1 hour of discussion per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Asian American Studies/Undergraduate

**Grading/Final exam status:** Final exam not required.

Reading and Composition: Read Less [-]

Expand all course descriptions [+]Collapse all course descriptions [-]

## XANTHRO 1 Introduction to Biological Anthropology 4 Units

Terms offered: Fall 2022, Fall 2021, Fall 2020

An introduction to human evolution. Physical and behavioral adaptations of humans and their prehistoric and living relatives. Issues in evolutionary theory, molecular evolution, primate behavior, interpretation of fossils. Prehistoric activities, racial differences, genetic components of behavior are defined and evaluated.

Introduction to Biological Anthropology: Read More [+]

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students who have completed XANTHRO 1 may not receive credit for ANTHRO 1.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 1 hour of discussion per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Anthropology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

Introduction to Biological Anthropology: Read Less [-]

Expand all course descriptions [+]Collapse all course descriptions [-]

## XASTRON 10 Introduction to General Astronomy 4 Units

Terms offered: Fall 2022, Fall 2020, Fall 2019

A description of modern astronomy with emphasis on the structure and evolution of stars, galaxies, and the Universe. Additional topics optionally discussed include quasars, pulsars, black holes, and extraterrestrial communication, etc. Individual instructor's synopses available from the department.

Introduction to General Astronomy: Read More [+]

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XASTRON 10 after completing ASTRON 7A, ASTRON 7B, ASTRON 10, ASTRON C10, or ASTRON N10. A deficient grade in XASTRON 10 may be removed by taking ASTRON 10, or ASTRON C10.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 1 hour of discussion per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Astronomy/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

Introduction to General Astronomy: Read Less [-]

Expand all course descriptions [+]Collapse all course descriptions [-]

## XCHEM 1A General Chemistry 3 Units

Terms offered: Fall 2019

Stoichiometry of chemical reactions, quantum mechanical description of atoms, the elements and periodic table, chemical bonding, real and ideal gases, thermochemistry, introduction to thermodynamics and equilibrium, acid-base and solubility equilibria, introduction to oxidation-reduction reactions, introduction to chemical kinetics.

General Chemistry: Read More [\[+\]](#)

### Objectives & Outcomes

**Student Learning Outcomes:** Understand major chemical topics such as stoichiometry, structure-function relationships, energy, thermodynamics, equilibrium, solution chemistry, spectroscopy, and descriptions of atoms and molecules from various frameworks and perspectives.

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course. High school chemistry recommended. Co-enrollment in a discussion section is required. Co-enrollment in XChem 1AL is recommended but not required

**Credit Restrictions:** Students will receive no credit for XCHEM 1A after completing CHEM 1AD, CHEM 4A, or CHEM 1A. A deficient grade in XCHEM 1A may be removed by taking CHEM 1A.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3-3 hours of lecture and 1-1 hours of discussion per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Chemistry/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required, with common exam group.

**Instructor:** Kersteins

General Chemistry: Read Less [\[-\]](#)

## XCHEM 1AL General Chemistry Laboratory 2 Units

Terms offered: Fall 2019

An experimental approach to chemical sciences with emphasis on developing fundamental, reproducible laboratory technique and a goal of understanding and achieving precision and accuracy in laboratory experiments. Proper use of laboratory equipment and standard wet chemical methods are practiced. Areas of investigations include chemical equilibria, spectroscopy, nanotechnology, green chemistry, and thermochemistry. Completion of, or concurrent enrollment in, 1A is required.

General Chemistry Laboratory: Read More [\[+\]](#)

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course. CHEM 1A, with min grade of C-; or co-enrollment in CHEM 1A; or AP CHEM with min score of 4; or CHEM HL IB with min score of 5; or GCE A-Level CHEM with min grade of C

**Credit Restrictions:** Students will receive no credit for XCHEM 1AL after completing CHEM 4A, or CHEM 1AL. A deficient grade in XCHEM 1AL may be removed by taking CHEM 1AL.

### Hours & Format

**Fall and/or spring:** 15 weeks - 1 hour of lecture, 3 hours of laboratory, and 0 hours of voluntary per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Chemistry/Undergraduate

**Grading/Final exam status:** Letter grade. Alternative to final exam.

**Instructor:** Kersteins

General Chemistry Laboratory: Read Less [\[-\]](#)

Expand all course descriptions [\[+\]](#)Collapse all course descriptions [\[-\]](#)

## XCOLWRI R1A Accelerated Reading and Composition 6 Units

Terms offered: Fall 2022, Fall 2021, Fall 2020

An intensive, accelerated course satisfying concurrently the requirements of the UC Entry Level Writing Requirement and the first half of Reading and Composition. Readings will include imaginative, expository and argumentative texts representative of the range of those encountered in the undergraduate curriculum and will feature authors from diverse social and cultural backgrounds and perspectives. Instruction in writing a range of discourse forms and in the revision of papers.

Accelerated Reading and Composition: Read More [+]

### Rules & Requirements

**Prerequisites:** Placement by UC Analytical Writing Placement Exam. Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students who have completed XCOLWRI R1A receive no credit for completing COLWRIT R1A.

**Requirements this course satisfies:** Satisfies the UC Entry Level Writing and first half of the Reading and Composition requirements.

### Hours & Format

**Fall and/or spring:** 15 weeks - 6 hours of lecture per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-College Writing Program/ Undergraduate

**Grading/Final exam status:** Final exam not required.

Accelerated Reading and Composition: Read Less [-]

Expand all course descriptions [+]Collapse all course descriptions [-]

## XCOMLIT R1A English Composition in Connection with the Reading of World Literature 4 Units

Terms offered: Fall 2022, Fall 2021, Fall 2020

Expository writing based on analysis of selected masterpieces of ancient and modern literature. R1A satisfies the first half of the Reading and Composition requirement, and R1B satisfies the second half.

English Composition in Connection with the Reading of World Literature: Read More [+]

### Rules & Requirements

**Prerequisites:** UC Entry Level Writing Requirement or UC Analytical Writing Placement Exam. 1A or equivalent is prerequisite to 1B. Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students who have completed XCOMLIT R1A receive no credit for COMLIT R1A.

**Requirements this course satisfies:** Satisfies the first half of the Reading and Composition requirement

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Comparative Literature/ Undergraduate

**Grading/Final exam status:** Final exam not required.

**Instructors:** Palau, Rowan

English Composition in Connection with the Reading of World Literature: Read Less [-]

Expand all course descriptions [+]Collapse all course descriptions [-]

## XENGLIS R1A Reading and Composition 4 Units

Terms offered: Fall 2022, Fall 2021, Fall 2020

Training in writing expository prose. Instruction in expository writing in conjunction with reading literature.

Reading and Composition: Read More [+]

### Rules & Requirements

**Prerequisites:** Satisfaction of the Entry Level Writing Requirement. Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XENGLIS R1A after completing ENGLISH 1A, or ENGLISH R1AN. A deficient grade in XENGLIS R1A may be removed by taking ENGLISH 1A, or ENGLISH R1AN.

**Requirements this course satisfies:** Satisfies the first half of the Reading and Composition requirement

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-English/Undergraduate

**Grading/Final exam status:** Final exam not required.

Reading and Composition: Read Less [-]

## XENGLIS R1B Reading and Composition 4 Units

Terms offered: Fall 2022, Fall 2021, Fall 2020

Training in writing expository prose. Further instruction in expository writing in conjunction with reading literature.

Reading and Composition: Read More [+]

### Rules & Requirements

**Prerequisites:** UC Entry Level Writing Requirement or UC Analytical Writing Placement Exam. 1A or equivalent is prerequisite to 1B. Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XENGLIS R1B after completing ENGLISH R1B, or ENGLISH N1B. A deficient grade in XENGLIS R1B may be removed by taking ENGLISH R1B, or ENGLISH N1B.

**Requirements this course satisfies:** Satisfies the second half of the Reading and Composition requirement

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-English/Undergraduate

**Grading/Final exam status:** Final exam not required.

Reading and Composition: Read Less [-]

## XENGLIS 31AC Literature of American Cultures 4 Units

Terms offered: Fall 2017, Fall 2016, Fall 2015

An introduction to the ethnic diversity of American literature. The course will take substantial account of the literature of three or more of the following groups: African Americans, Native Americans, Asian Americans, Chicanos/Latinos, and European Americans. Topics vary from semester to semester. Students should consult the department's "Announcement of Classes" well before the beginning of the semester for details.

Literature of American Cultures: Read More [+]

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students who have completed XENGLIS 31AC receive no credit for completing ENGLIS 31AC.

**Requirements this course satisfies:** Satisfies the American Cultures requirement

**Repeat rules:** Course may be repeated for credit when topic changes.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-English/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

Literature of American Cultures: Read Less [-]

Expand all course descriptions [+]  
Collapse all course descriptions [-]

## XEPS 20 Earthquakes in Your Backyard 3 Units

Terms offered: Fall 2022

Introduction to earthquakes, their causes and effects. General discussion of basic principles and methods of seismology and geological tectonics, distribution of earthquakes in space and time, effects of earthquakes, and earthquake hazard and risk, with particular emphasis on the situation in California.

Earthquakes in Your Backyard: Read More [+]

### Rules & Requirements

**Credit Restrictions:** Students will receive no credit for XEPS C20 after completing XEPS 20. A deficient grade in XEPS C20 may be removed by taking XEPS 20.

### Hours & Format

**Fall and/or spring:** 15 weeks - 2 hours of lecture per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Earth and Planetary Sci/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Formerly known as:** UCB EXT FPF-Earth and Planetary Sci C20/Letters and Science C70Y

Earthquakes in Your Backyard: Read Less [-]

## XEPS 80 Environmental Earth Sciences 3 Units

Terms offered: Fall 2020, Fall 2019, Fall 2018

The course describes geologic processes active on and in the earth and man's interactions with them. Geologic aspects of use of the land and oceans based on an understanding of earth's environmental processes.

Environmental Earth Sciences: Read More [+]

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students who have completed XEPS 80 may not receive credit for EPS 80.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Earth and Planetary Sci/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

Environmental Earth Sciences: Read Less [-]

Expand all course descriptions [+]  
Collapse all course descriptions [-]

## XESPM 15 Introduction to Environmental Sciences 3 Units

Terms offered: Fall 2022, Fall 2021, Fall 2020

Introduction to the science underlying biological and physical environmental problems, including water and air quality, global change, energy, ecosystem services, introduced and endangered species, water supply, solid waste, human population, and interaction of technical, social, and political approaches to environmental management.

Introduction to Environmental Sciences: Read More [\[+\]](#)

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XESPM 15 after completing ESPM 15. A deficient grade in XESPM 15 may be removed by taking ESPM 15.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 1 hour of discussion per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Env, Sci, Policy & Mgmt/ Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Ruiz-Jones

Introduction to Environmental Sciences: Read Less [\[-\]](#)

## XESPM 50AC Introduction to Culture and Natural Resource Management 4 Units

Terms offered: Fall 2022, Fall 2021, Fall 2020

An introduction to how culture affects the way we use and manage fire, wildland and urban forests, rangelands, parks and preserves, and croplands in America. The basic concepts and tools for evaluating the role of culture in resource use and management are introduced and used to examine the experience of American cultural groups in the development and management of western natural resources.

Introduction to Culture and Natural Resource Management: Read More [\[+\]](#)

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XESPM 50AC after completing ESPM 50AC. A deficient grade in XESPM 50AC may be removed by taking ESPM 50AC.

**Requirements this course satisfies:** Satisfies the American Cultures requirement

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 1 hour of discussion per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Env, Sci, Policy & Mgmt/ Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

Introduction to Culture and Natural Resource Management: Read Less [\[-\]](#)

Expand all course descriptions [\[+\]](#)Collapse all course descriptions [\[-\]](#)



## XETHSTD 21AC A Comparative Survey of Racial and Ethnic Groups in the U.S 4 Units

Terms offered: Fall 2022, Fall 2020, Fall 2019

This survey course will examine the historical experiences of European immigrants, African Americans, and Latinos, emphasizing the themes of migration and economic change since the late 19th century. Though the class will focus on the three groups, the course will also address salient features of the experiences of Asian Americans, Native Americans, and recently arrived immigrants in light of the themes of the course. Intragroup differences such as class and gender will be discussed. A Comparative Survey of Racial and Ethnic Groups in the U.S: Read More [+]

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XETHSTD 21AC after completing ETH STD 21AC. A deficient grade in XETHSTD 21AC may be removed by taking ETH STD 21AC.

**Requirements this course satisfies:** Satisfies the American Cultures requirement

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 1 hour of discussion per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Ethnic Studies/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Brown

A Comparative Survey of Racial and Ethnic Groups in the U.S: Read Less [-]

## XETHSTD 197 Field Study in Community 2 Units

Terms offered: Fall 2022, Fall 2020, Fall 2019

This two-unit seminar on concepts of service, social justice, and community engagement allows students to incorporate their academic scholarship and personal experience. Field projects and guest speakers in the class provide opportunities for students to explore Berkeley's rich history within social movements while reflecting on their calling and commitment to using their education to better society.

Field Study in Community: Read More [+]

### Objectives & Outcomes

**Student Learning Outcomes:** Explain important aspects of Berkeley and Bay Area history as they relate to current social issues and develop questions to explore these issues.

Explore a social issue students are passionate about and connect resources to engage with this issue.

Formulate a working definition of, and commitment to, community engagement in and outside of Berkeley.

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Repeat rules:** Course may be repeated for credit without restriction.

### Hours & Format

**Fall and/or spring:** 15 weeks - 2 hours of fieldwork per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Ethnic Studies/Undergraduate

**Grading/Final exam status:** Letter grade. Alternate method of final assessment during regularly scheduled final exam group (e.g., presentation, final project, etc.).

**Instructor:** Wise

Field Study in Community: Read Less [-]

Expand all course descriptions [+]Collapse all course descriptions [-]



## XFILM R1A The Craft of Writing - Film Focus 4 Units

Terms offered: Fall 2020, Fall 2018, Fall 2017

Rhetorical approach to reading and writing argumentative discourse with a film focus. Close reading of selected texts; written themes developed from class discussion and analysis of rhetorical strategies. Satisfies the first half of the Reading and Composition requirement.

The Craft of Writing - Film Focus: Read More [+]

### Rules & Requirements

**Prerequisites:** Satisfaction of the Entry Level Writing Requirement. Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students who have completed XFILM R1A will not receive credit for FILM R1A.

**Requirements this course satisfies:** Satisfies the first half of the Reading and Composition requirement

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 2 hours of laboratory per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Film/Undergraduate

**Grading/Final exam status:** Final exam not required.

The Craft of Writing - Film Focus: Read Less [-]

## XFILM R1B The Craft of Writing - Film Focus 4 Units

Terms offered: Fall 2022, Fall 2021, Fall 2020

Intensive argumentative writing stimulated through selected readings, films, and class discussion. Satisfies the second half of the Reading and Composition requirement.

The Craft of Writing - Film Focus: Read More [+]

### Rules & Requirements

**Prerequisites:** UC Entry Level Writing Requirement or UC Analytical Writing Placement Exam. Successful completion of R\_A course or its equivalent is a prerequisite to R\_B. Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XFILM R1B after completing FILM R1B. A deficient grade in XFILM R1B may be removed by taking FILM R1B.

**Requirements this course satisfies:** Satisfies the second half of the Reading and Composition requirement

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 3 hours of laboratory per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Film/Undergraduate

**Grading/Final exam status:** Final exam not required.

**Instructor:** McElroy

The Craft of Writing - Film Focus: Read Less [-]

## XFILM 50 Introduction to Film for Nonmajors 4 Units

Terms offered: Fall 2022, Fall 2021, Fall 2020

An introduction to film art and film technique for students who are interested in exploring the history and aesthetics of cinema but do not intend to major in film. The course traces the development of world cinema from the first films of the 1890s to the 1970s, drawing on examples from American, European, Asian, and Third World cinema.

Introduction to Film for Nonmajors: Read More [+]

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XFILM 50 after completing FILM 50. A deficient grade in XFILM 50 may be removed by taking FILM 50.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 1.5 hours of discussion per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Film/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

Introduction to Film for Nonmajors: Read Less [-]

Expand all course descriptions [+]Collapse all course descriptions [-]

## XGEOG 4 World Peoples and Cultural Environments 4 Units

Terms offered: Fall 2022, Fall 2020

Historical and contemporary cultural-environmental patterns. The development and spread of cultural adaptations, human use of resources, transformation and creation of human environments.

World Peoples and Cultural Environments: Read More [+]

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XGEOG 4 after completing GEOG 4, or GEOG N4. A deficient grade in XGEOG 4 may be removed by taking GEOG 4, or GEOG N4.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 1 hour of discussion per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Geography/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Monshipouri

World Peoples and Cultural Environments: Read Less [-]

## XGEOG 30 The Ocean World 4 Units

Terms offered: Fall 2020, Fall 2019, Fall 2018

Introduction to the cultural and physical geography of the world's oceans. Ecology of ocean biota and environments. History and geography of ocean peoples, cultures, and resource use. Problems confronting ocean peoples and environments. New approaches to saving the oceans.

The Ocean World: Read More [+]

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students who have completed XGEOG 30 may not receive credit for GEOG 30.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 1 hour of discussion per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Geography/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

The Ocean World: Read Less [-]

## XGEOG 50AC California 4 Units

Terms offered: Fall 2022, Fall 2021, Fall 2020

California had been called "the great exception" and "America, only more so." Yet few of us pay attention to its distinctive traits and to its effects beyond our borders. California may be "a state of mind," but it is also the most dynamic place in the most powerful country in the world, and would be the 8th largest economy if it were a country. Its wealth has been built on mining, agriculture, industry, trade, and finance. Natural abundance and geographic advantage have played their parts, but the state's greatest resource has been its wealth and diversity of people, who have made it a center of technological and cultural innovation from Hollywood to Silicon Valley. Yet California has a dark side of exploitation and racialization.

California: [Read More](#) [+]

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XGEOG 50AC after completing GEOG 50AC. A deficient grade in XGEOG 50AC may be removed by taking GEOG 50AC.

**Requirements this course satisfies:** Satisfies the American Cultures requirement

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 1 hour of discussion per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Geography/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

California: [Read Less](#) [-]

## XGEOG 72AC The Bay Area 3 Units

Terms offered: Not yet offered

This course examines the distinct but ill-defined San Francisco Bay Area. Our approach will be neither to simply learn about the individual places that compose the Bay Area nor to study a succession of detached periods of development. Instead, we will think critically about the creations, contestations, and transformations of Bay Area spaces—landscapes, communities, neighborhoods, cities, suburbs, and the metropolitan region. Topics include indigenous geographies, colonialism, industrialization and economic geography, cities and suburbs, gentrification and displacement, regional racial formation and place-based identities, and resistance and rebellion.

The Bay Area: [Read More](#) [+]

### Rules & Requirements

**Credit Restrictions:** Students will receive no credit for XGEOG 72AC after completing GEOG 72AC. A deficient grade in XGEOG 72AC may be removed by taking GEOG 72AC.

**Requirements this course satisfies:** Satisfies the American Cultures requirement

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Geography/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Lunine

The Bay Area: [Read Less](#) [-]

[Expand all course descriptions](#) [+][Collapse all course descriptions](#) [-]

## XGLOBAL 10B Critical Issues in Global Studies 3 Units

Terms offered: Fall 2022, Fall 2020, Fall 2019

Global Studies 10B serves as an introduction to the Global Studies curriculum. Global Studies 10B introduces students to global issues through the lens of the humanities, such as art, literature, film, and culture. The topic of Global Studies 10B will vary from year to year, depending on the instructor. Students in each iteration of this course will learn about salient global interactions from a variety of cultural perspectives.

Critical Issues in Global Studies: Read More [\[+\]](#)

### Objectives & Outcomes

**Course Objectives:** In this course, we will study media and cinema as everyday stories deepening our relationship with global cultures and flows. We will study closely how visual storytelling affects our understanding of race, gender, health, immigration, justice, and other related issues in global cultures and politics.

**Student Learning Outcomes:** After successfully completing this course, students will be able to evaluate, analyze, and discuss media materials through critical writing exercises; demonstrate the history of the media materials they are handling; collect data related to media matters, media shows and presentations; make video essays and produce slide shows and presentations; and synthesize the theory and practice of media in the context of globalization.

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XGLOBAL 10B after completing GLOBAL 10B.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Global Studies/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Paul

Critical Issues in Global Studies: Read Less [\[-\]](#)

Expand all course descriptions [\[+\]](#)Collapse all course descriptions [\[-\]](#)

## XGWS 50AC Gender in American Culture 3 Units

Terms offered: Fall 2022, Fall 2021, Fall 2020

A multi-disciplinary course designed to provide students with an opportunity to work with faculty investigating the topic gender in American culture.

Gender in American Culture: Read More [\[+\]](#)

### Objectives & Outcomes

**Course Objectives:** To appreciate the contribution of contemporary young feminists of color, especially those from immigrant and diasporic communities, in the formation of diverse American cultures.

To explore representation of American femininities as shaped by race, ethnicity, sexuality and gender.

To understand the conditions of visibility and identification with Americanness for immigrants, people of color, and specifically women and queer communities.

**Student Learning Outcomes:** To articulate a self-reflective position in regards to race, gender, and ethnicity.

To critique discourses of nativism and national homogeneity.

To express an informed opinion on key issues and unresolved debates on of inclusivity and diversity in American contemporary culture.

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Requirements this course satisfies:** Satisfies the American Cultures requirement

**Repeat rules:** Course may be repeated for credit without restriction.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Gender&Women's Studies/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Nanda

Gender in American Culture: Read Less [\[-\]](#)

Expand all course descriptions [\[+\]](#)Collapse all course descriptions [\[-\]](#)

## XHISTOR 7B The United States from Civil War to Present 4 Units

Terms offered: Fall 2022, Fall 2021, Fall 2020

What does it mean to be American? Whatever your answer is to this question, chances are it is deeply connected to the themes and events we will discuss in this class. Here we will track America's rise to global power, the fate of freedom in a post-Emancipation political setting, and the changing boundaries of nation, citizenship, and community. We will use landmark events to sharpen our themes, but we will also take care to analyze the equally important (and shifting) patterns of where and how Americans lived, worked, and played.

The United States from Civil War to Present: Read More [+]

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XHISTOR 7B after completing HISTORY 7B. A deficient grade in XHISTOR 7B may be removed by taking HISTORY 7B.

**Requirements this course satisfies:** Satisfies the American Cultures and American History requirements.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 2 hours of discussion per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-History/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

The United States from Civil War to Present: Read Less [-]

## XHISTOR 30 Science and Society 4 Units

Terms offered: Fall 2022, Fall 2020

Science as we know it is the product of a historical process. In this course, we will explore the emergence of its concepts, practices, goals, and cognitive authority by surveying its roots in their social and cultural setting. We will trace the development of conceptions of the natural world from antiquity through the Scientific Revolution and the Enlightenment and up to the modern age. All the sciences fall within our purview, from their early forms up to today.

Science and Society: Read More [+]

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XHISTOR 30 after completing HISTORY 30. A deficient grade in XHISTOR 30 may be removed by taking HISTORY 30.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 2 hours of discussion per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-History/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

**Instructor:** Alaniz

Science and Society: Read Less [-]

Expand all course descriptions [+]  
Collapse all course descriptions [-]

## XINTEGB 31 The Ecology and Evolution of Animal Behavior 3 Units

Terms offered: Fall 2022, Fall 2018, Fall 2017

Principles of evolution biology as they relate to animal behavior and behavioral ecology with broad coverage of animal groups. Special attention will be paid to the emerging discipline of behavioral ecology. The Ecology and Evolution of Animal Behavior: Read More [\[+\]](#)

### Rules & Requirements

**Prerequisites:** Open to all FPF students: designed for those not specializing in biology. Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XINTEGB 31 after completing INTEGBI 31. A deficient grade in XINTEGB 31 may be removed by taking INTEGBI 31.

### Hours & Format

**Fall and/or spring:** 15 weeks - 2 hours of lecture, 1 hour of demonstration, and 1 hour of discussion per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Integrative Biology/ Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

The Ecology and Evolution of Animal Behavior: Read Less [\[-\]](#)

## XINTEGB 33 The Age of Dinosaurs 3 Units

Terms offered: Fall 2022, Fall 2021, Fall 2020

Evolution, history, and ecology of the dinosaurs and their world, including the earliest mammals and birds.

The Age of Dinosaurs: Read More [\[+\]](#)

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XINTEGB 33 after completing INTEGBI 33, or INTEGBI N33. A deficient grade in XINTEGB 33 may be removed by taking INTEGBI 33, or INTEGBI N33.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Integrative Biology/ Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

The Age of Dinosaurs: Read Less [\[-\]](#)

Expand all course descriptions [\[+\]](#)Collapse all course descriptions [\[-\]](#)

## XL&S 12 The Berkeley Changemaker: A Discovery Experience 2 Units

Terms offered: Fall 2020

The course is a discovery experience: Students discover their own leadership styles, and they discover how they can create teams – and act upon the world – to effect positive change. Students will learn how to imagine better futures, and then learn how to mobilize others to help create them. Changemakers make their impact through scientific breakthroughs, artistic imagination, social action projects, and entrepreneurial ventures. Online class sessions will cover both theoretical and practical topics, such as critical thinking, persuasive communication, problem framing, hypothesis testing, and leading and working with teams. The ultimate goal of the course is to help incoming students discover their own identity as Berkeley Changemakers.

The Berkeley Changemaker: A Discovery Experience: Read More [\[+\]](#)

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

### Hours & Format

**Fall and/or spring:** 15 weeks - 2 hours of web-based lecture per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Letters and Science/ Undergraduate

**Grading/Final exam status:** Offered for pass/not pass grade only. Alternative to final exam.

**Instructors:** Budak, Hassner

The Berkeley Changemaker: A Discovery Experience: Read Less [\[-\]](#)

Expand all course descriptions [\[+\]](#)Collapse all course descriptions [\[-\]](#)

## XLEGALS R1B Reading and Composition in Connection with the Law as a Social Institution 4 Units

Terms offered: Fall 2019, Fall 2018, Fall 2017

This course is designed to fulfill the second half of the Reading and Composition requirement. Students will develop their skills at critical reading, writing, and analysis, and will complete a series of essays culminating in a research paper relating to law, legal actors, and legal institutions. Emphasis will be placed on the process of writing, including developing research questions, constructing an argument, and revising for content and style.

Reading and Composition in Connection with the Law as a Social Institution: Read More [+]

### Rules & Requirements

**Prerequisites:** UC Entry Level Writing Requirement or UC Analytical Writing Placement Exam. 1A or equivalent is prerequisite to 1B. Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XLEGALS R1B after completing LEGALST R1B. A deficient grade in XLEGALS R1B may be removed by taking LEGALST R1B.

**Requirements this course satisfies:** Satisfies the second half of the Reading and Composition requirement

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Legal Studies/Undergraduate

**Grading/Final exam status:** Final exam not required.

Reading and Composition in Connection with the Law as a Social Institution: Read Less [-]

Expand all course descriptions [+]  
Collapse all course descriptions [-]

## XLINGUI 55AC The American Languages 4 Units

Terms offered: Fall 2022, Fall 2020, Fall 2019

A linguistic view of the history, society, and culture of the United States. The variety of languages spoken in our country and the issues surrounding them: language and ethnicity, politics of linguistic pluralism vs. societal monolingualism, language and education, language shift, loss, retention, and renewal. Languages include English (standard and nonstandard; African American English), pidgins and creoles, Native American languages, Spanish, French, and immigrant languages from Asia and Europe.

The American Languages: Read More [+]

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students who have completed XLINGUI 55AC may not receive credit for LINGUIS 55AC.

**Requirements this course satisfies:** Satisfies the American Cultures requirement

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 1 hour of discussion per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Linguistics/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

The American Languages: Read Less [-]

Expand all course descriptions [+]  
Collapse all course descriptions [-]



## XMATH 1A Calculus 4 Units

Terms offered: Fall 2022, Fall 2021, Fall 2020

This sequence is intended for majors in engineering and the physical sciences. An introduction to differential and integral calculus of functions of one variable, with applications and an introduction to transcendental functions.

Calculus: Read More [\[+\]](#)

### Rules & Requirements

**Prerequisites:** Three and one-half years of high school math, including trigonometry and analytic geometry, plus a satisfactory grade in one of the following: CEEB MAT test, an AP test, the UC/CSU math diagnostic test, or Math 32 or its equivalent. Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XMATH 1A after completing MATH N1A, MATH 16B, MATH 1A, or MATH N16B. A deficient grade in XMATH 1A may be removed by taking MATH N1A, or MATH 1A.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 3 hours of discussion per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Mathematics/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

Calculus: Read Less [\[-\]](#)

## XMATH 1B Calculus 4 Units

Terms offered: Fall 2022, Fall 2021, Fall 2020

Continuation of 1A. Techniques of integration; applications of integration. Infinite sequences and series. First-order ordinary differential equations. Second-order ordinary differential equations; oscillation and damping; series solutions of ordinary differential equations.

Calculus: Read More [\[+\]](#)

### Rules & Requirements

**Prerequisites:** MATH 1A or N1A Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XMATH 1B after completing MATH 1B, MATH H1B, or MATH N1B. A deficient grade in XMATH 1B may be removed by taking MATH 1B, MATH H1B, or MATH N1B.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 3 hours of discussion per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Mathematics/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

Calculus: Read Less [\[-\]](#)

## XMATH 10A Methods of Mathematics: Calculus, Statistics, and Combinatorics 4 Units

Terms offered: Fall 2022, Fall 2021, Fall 2020

The sequence Math 10A, Math 10B is intended for majors in the life sciences. Introduction to differential and integral calculus of functions of one variable, ordinary differential equations, and matrix algebra and systems of linear equations.

Methods of Mathematics: Calculus, Statistics, and Combinatorics: Read More [\[+\]](#)

### Rules & Requirements

**Prerequisites:** Three and one-half years of high school math, including trigonometry and analytic geometry. Students who have not had calculus in high school are strongly advised to take the Student Learning Center's Math 98 adjunct course for Math 10A; contact the SLC for more information. Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XMATH 10A after completing MATH 10A, or MATH N10A. A deficient grade in XMATH 10A may be removed by taking MATH 10A, or MATH N10A.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 3 hours of discussion per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Mathematics/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

Methods of Mathematics: Calculus, Statistics, and Combinatorics: Read Less [\[-\]](#)

## XMATH 16A Analytic Geometry and Calculus 3 Units

Terms offered: Fall 2022, Fall 2020, Fall 2019

This sequence is intended for majors in the life and social sciences.

Calculus of one variable; derivatives, definite integrals and applications, maxima and minima, and applications of the exponential and logarithmic functions.

Analytic Geometry and Calculus: [Read More](#) [+]

### Rules & Requirements

**Prerequisites:** Three years of high school math, including trigonometry, plus a satisfactory grade in one of the following: CEEB MAT test, an AP test, the UC/CSU math diagnostic exam, or 32. Consult the mathematics department for details. Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XMATH 16A after completing MATH 16A, MATH N16A, MATH 1A, or MATH N1A. A deficient grade in XMATH 16A may be removed by taking MATH 16A, or MATH N16A.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 1.5 hours of discussion per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Mathematics/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

Analytic Geometry and Calculus: [Read Less](#) [-]

## XMATH 32 Precalculus 4 Units

Terms offered: Fall 2022, Fall 2020, Fall 2018

Polynomial and rational functions, exponential and logarithmic functions, trigonometry and trigonometric functions. Complex numbers, fundamental theorem of algebra, mathematical induction, binomial theorem, series, and sequences.

Precalculus: [Read More](#) [+]

### Rules & Requirements

**Prerequisites:** Three years of high school mathematics, plus satisfactory score on one of the following: CEEB MAT test, math SAT, or UC/CSU diagnostic examination. Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XMATH 32 after completing MATH 32, MATH 16A, MATH N16A, MATH 16B, MATH N16B, MATH 1A, MATH N1A, MATH 1B, MATH N1B, or MATH N32. A deficient grade in XMATH 32 may be removed by taking MATH 32, or MATH N32.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 2 hours of discussion per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Mathematics/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

Precalculus: [Read Less](#) [-]

[Expand all course descriptions](#) [+][Collapse all course descriptions](#) [-]

## XMCELLB 32 Introduction to Human Physiology 3 Units

Terms offered: Fall 2022, Fall 2020, Fall 2019

A comprehensive introduction to human cell biology. The course will concentrate on basic mechanisms underlying human life processes, including cells and membranes; nerve and muscle function; cardiovascular, respiratory, renal, and gastrointestinal physiology; metabolism, endocrinology, and reproduction.

Introduction to Human Physiology: Read More [\[+\]](#)

### Rules & Requirements

**Prerequisites:** One year high school or college chemistry. Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students who have completed XMCELLB 32 receive no credit for completing MCELLBI 32.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 1 hour of discussion per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Molecular & Cell Bio/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

Introduction to Human Physiology: Read Less [\[-\]](#)

Expand all course descriptions [\[+\]](#)Collapse all course descriptions [\[-\]](#)

## XMUSIC 27 Introduction to Western Music 4 Units

Terms offered: Fall 2022, Fall 2020, Fall 2019

Devoted to the development of listening skills, and a survey of major forms and types of Western art music.

Introduction to Western Music: Read More [\[+\]](#)

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XMUSIC 27 after completing MUSIC 27. A deficient grade in XMUSIC 27 may be removed by taking MUSIC 27.

### Hours & Format

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Music/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

Introduction to Western Music: Read Less [\[-\]](#)

Expand all course descriptions [\[+\]](#)Collapse all course descriptions [\[-\]](#)

## XPHILOS 2 Individual Morality and Social Justice 4 Units

Terms offered: Fall 2022, Fall 2021, Fall 2020

Introduction to ethical and political philosophy.

Individual Morality and Social Justice: Read More [\[+\]](#)

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XPHILOS 2 after completing PHILOS 2. A deficient grade in XPHILOS 2 may be removed by taking PHILOS 2.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 1 hour of discussion per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Philosophy/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

Individual Morality and Social Justice: Read Less [\[-\]](#)

## XPHILOS 3 The Nature of Mind 4 Units

Terms offered: Fall 2022, Fall 2020, Fall 2019

Introduction to the philosophy of mind. Topics to be considered may include the relation between mind and body; the structure of action; the nature of desires and beliefs; the role of the unconscious.

The Nature of Mind: Read More [\[+\]](#)

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XPHILOS 3 after completing PHILOS 3. A deficient grade in XPHILOS 3 may be removed by taking PHILOS 3.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 1 hour of discussion per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Philosophy/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

The Nature of Mind: Read Less [\[-\]](#)

Expand all course descriptions [\[+\]](#)Collapse all course descriptions [\[-\]](#)

## XPOLSCI 1 Introduction to American Politics 4 Units

Terms offered: Fall 2022, Fall 2020, Fall 2018

An introductory analysis of the structure and operations of the American political system, primarily at the national level.

Introduction to American Politics: Read More [\[+\]](#)

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XPOLSCI 1 after completing POL SCI 1. A deficient grade in XPOLSCI 1 may be removed by taking POL SCI 1.

**Requirements this course satisfies:** Satisfies the American Institutions requirement

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 2 hours of discussion per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Political Science/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

Introduction to American Politics: Read Less [\[-\]](#)

## XPOLSCI 2 Introduction to Comparative Politics 4 Units

Terms offered: Fall 2022, Fall 2021, Fall 2020

This course aims to furnish students with the tools needed to study politics and society in comparative perspective, by introducing concepts and methods of comparative analysis and examining core assumptions about human nature that underpin social scientists' thinking. We will investigate the variety of political regimes under which people live around the world, and consider the factors that influence which type of political regime prevails in particular national settings.

Introduction to Comparative Politics: Read More [\[+\]](#)

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XPOLSCI 2 after completing POL SCI 2. A deficient grade in XPOLSCI 2 may be removed by taking POL SCI 2.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture and 2 hours of discussion per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Political Science/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

Introduction to Comparative Politics: Read Less [\[-\]](#)

Expand all course descriptions [\[+\]](#)Collapse all course descriptions [\[-\]](#)

## XPSYCH 1 General Psychology 3 Units

Terms offered: Fall 2022, Fall 2021, Fall 2020

Introduction to the principal areas, problems, and concepts of psychology. This course is required for the major; students not considering a psychology major are directed to 2.

General Psychology: Read More [\[+\]](#)

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XPSYCH 1 after completing PSYCH 1, PSYCH 2, PSYCH W1, or PSYCH N1. A deficient grade in XPSYCH 1 may be removed by taking PSYCH 1, PSYCH W1, or PSYCH N1.

### Hours & Format

**Fall and/or spring:** 15 weeks - 2 hours of lecture and 1 hour of discussion per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Psychology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

General Psychology: Read Less [\[-\]](#)

Expand all course descriptions [\[+\]](#)Collapse all course descriptions [\[-\]](#)

## XRHETOR R1A The Craft of Writing 4 Units

Terms offered: Fall 2020, Fall 2019, Fall 2018

Rhetorical approach to reading and writing argumentative discourse. Close reading of selected texts; written themes developed from class discussion and analysis of rhetorical strategies.

The Craft of Writing: Read More [\[+\]](#)

### Rules & Requirements

**Prerequisites:** UC Entry Level Writing Requirement or UC Analytical Writing Placement Exam. Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students who have completed XRHETOR R1A receive no credit for completing RHETOR R1A.

**Requirements this course satisfies:** Satisfies the first half of the Reading and Composition requirement

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Rhetoric/Undergraduate

**Grading/Final exam status:** Final exam not required.

The Craft of Writing: Read Less [\[-\]](#)

## XRHETOR 2 Fundamentals of Public Speaking 2 Units

Terms offered: Fall 2022, Fall 2020, Fall 2019

Basic principles of rhetoric as applied to the criticism and practice of public speaking.

Fundamentals of Public Speaking: Read More [ + ]

### Rules & Requirements

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students who have completed XRHETOR 2 will not receive credit for completing RHETOR 2.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Rhetoric/Undergraduate

**Grading/Final exam status:** Offered for pass/not pass grade only. Final exam required.

Fundamentals of Public Speaking: Read Less [ - ]

Expand all course descriptions [ + ] Collapse all course descriptions [ - ]

## XSEASIA R5A Self, Representation, and Nation 4 Units

Terms offered: Fall 2020

This course is devoted to a study of selected literary texts set in various regions of Southeast Asia. The readings will include works by foreign authors who lived and traveled in Southeast Asia and translations of works by Southeast Asian writers. These texts will be used to make comparisons and observations with which to characterize coloniality, nationalism, and postcoloniality. This course satisfies the first half of the Reading and Composition requirement.

Self, Representation, and Nation: Read More [ + ]

### Rules & Requirements

**Prerequisites:** Satisfaction of the Entry Level Writing Requirement  
Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XSEASIA R5A after completing S,SEASN R5A. A deficient grade in XSEASIA R5A may be removed by taking S,SEASN R5A.

**Requirements this course satisfies:** Satisfies the first half of the Reading and Composition requirement

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

### Additional Details

**Subject/Course Level:** UCB EXT FPF-Southeast Asian/Undergraduate

**Grading/Final exam status:** Alternative to final exam.

**Instructor:** Paul

Self, Representation, and Nation: Read Less [ - ]

Expand all course descriptions [ + ] Collapse all course descriptions [ - ]

## **XSOCIOL 3AC Principles of Sociology: American Cultures 4 Units**

Terms offered: Fall 2022, Fall 2021, Fall 2018

Comparing the experience of three out of five ethnic groups (e.g. African Americans, Asian Americans, Chicano/Latino, European Americans, and Native Americans) we shall examine historically how each people entered American society and built communities and transformed their cultures in the process. Students will be introduced to the sociological perspective, characteristic methods of research, and such key concepts as culture, community, class, race, social change, and social movements.

Principles of Sociology: American Cultures: Read More [+]

### **Rules & Requirements**

**Prerequisites:** Enrollment in this course is restricted to first semester freshmen participating in the Fall Program for Freshmen (FPF). Non-FPF students are not permitted to enroll in this course

**Credit Restrictions:** Students will receive no credit for XSOCIOL 3AC after passing SOCIOL 1 or SOCIOL 3AC. A deficiency in SOCIOL 1, SOCIOL 3, SOCIOL 3A or SOCIOL 3AC may be removed by taking XSOCIOL 3AC.

**Requirements this course satisfies:** Satisfies the American Cultures requirement

### **Hours & Format**

**Fall and/or spring:** 15 weeks - 3 hours of lecture per week

### **Additional Details**

**Subject/Course Level:** UCB EXT FPF-Sociology/Undergraduate

**Grading/Final exam status:** Letter grade. Final exam required.

Principles of Sociology: American Cultures: Read Less [-]

Expand all course descriptions [+]Collapse all course descriptions [-]

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Principles of Sociology: American Cultures: Read More [+]

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Principles of Sociology: American Cultures: Read Less [-]