

Undergraduate and Interdisciplinary Studies

Overview

Undergraduate Studies, in the College of Letters and Science, serves students at every stage of their undergraduate careers, from the initial years of intellectual exploration through the process of finding and pursuing an in-depth academic focus. Undergraduate Studies is a center for innovations in undergraduate education that extend beyond traditional departmental boundaries. Our major and minor programs attract undergraduates who wish to explore the most intellectually engaging and promising interdisciplinary fields under the direction of scholars who are pioneers in charting these new areas and methods of inquiry. Undergraduate Studies has been, and continues to be, an incubator for new ideas, including experimental programs and courses, as well as curricula designed to promote the ideals of a liberal arts education. We are especially dedicated to creating programs such as the Freshman and Sophomore Seminar Program and the undergraduate research programs that nurture productive intellectual relationships between faculty members and students. Finally, given the array of academic opportunities available for students in the College, the Office of Undergraduate Advising, housed in Undergraduate Studies, helps students make the most out of their time at Berkeley by guiding them as they choose among their academic options.

Undergraduate Studies is composed of the following three sub-units: Academic Enrichment Programs, Interdisciplinary Major and Minor Programs, and Undergraduate Advising.

Academic Enrichment Programs

Big Ideas Courses (<http://bigideascourses.berkeley.edu>), launched in 2012, bring together two or more faculty members from different disciplines to co-teach innovative breadth courses. Big Ideas Courses take up key intellectual and societal challenges that cannot be adequately addressed by the perspective or methodology of one discipline alone. For more information, call 510-642-8378 or visit the website (<http://bigideascourses.berkeley.edu>).

Cal Teach (<http://calteach.berkeley.edu>) is a program for undergraduate science, math, and engineering majors interested in exploring a career in education. Through our courses students learn conceptual teaching skills and practice these methods in local K-12 classrooms. Cal Teach offers the minor in Science and Math Education, as well as a unique opportunity for students to complete both a degree and a California teaching credential as an undergraduate.

Entrepreneurship Courses (<http://ls.berkeley.edu/?q=undergraduate/special-courses-enrichment-opportunities/ls5>) are organized in conjunction with the Lester Center for Entrepreneurship and Innovation. L&S 5 is designed for freshmen and sophomores who wish to learn about entrepreneurship and its role in bringing new ideas to market. At the upper division, we offer L&S 105: Arts Entrepreneurship, for students in arts-related majors and others interested in careers in this arena.

Freshman and Sophomore Seminars (<http://fss.berkeley.edu>) arose from the conviction that early intellectual contact with faculty members would greatly enhance the undergraduate experience at Berkeley. Professors from nearly every campus department join together each semester to offer an impressive array of seminars. The courses numbered 24 bear

one unit of credit; they are limited to 15 students, and freshmen are given priority for enrollment. The courses numbered 84 bear one or two units of credit; they are limited to 15 sophomores. The courses numbered 39A-39Z are limited to 25 freshmen and sophomores. Seminars, which emphasize interaction and discussion, provide a counterpoint to the learning experience in Berkeley's large lecture halls. These seminars also offer lower-division students an unprecedented opportunity to explore a wide range of majors and even fields of study usually reserved for graduate students. As you browse through this *Bulletin*, you will find lower division seminars sponsored by Letters and Science departments as well as by the professional schools and colleges. Descriptions of all the seminars scheduled for the upcoming semester can be found in time for Tele-BEARS registration on the program's website that also contains other useful information and features for undergraduates. For additional information regarding the Freshman and Sophomore Seminars, contact the program office at 231 Evans Hall, 510-642-8378.

Letters and Science Discovery Courses (<http://lsdiscovery.berkeley.edu>) are exemplary breadth courses, designed to engage and broaden the minds of non-experts. Taught by some of the most distinguished faculty members on campus, the L&S Discovery Courses are guaranteed to deliver a high-quality educational experience.

On the Same Page (<http://onthesamepage.berkeley.edu>) is a campus-wide book-in-common program, designed to welcome new freshmen and transfer students into the intellectual dialogue that characterizes the Berkeley campus. Each year all of the faculty and all new students receive a book (or film or other study object) that provides the focus for discussions, courses, events and activities in the fall term. For more information, call 510-642-8378 or visit the website. (<http://onthesamepage.berkeley.edu>)

Scholarship Connection (<http://scholarships.berkeley.edu>) administers the application process for several prestigious external scholarships (such as the Rhodes, Marshall, Truman, and Gates scholarships) and offers a clearinghouse for information on 500+ other external scholarships. For more information, visit us online at Scholarship Connection (<http://scholarships.berkeley.edu>) or contact Scholarship Connection at 5 Durant Hall, scholarships@learning.berkeley.edu, or 510-643-6929.

The Office of Undergraduate Research (<http://research.berkeley.edu>) helps you map out your strategy, connect with faculty and mentors, and obtain funding opportunities to support your research pursuits. Opportunities administered directly by the Office of Undergraduate Research include the following:

- **Faculty-initiated research:** coordinated through the Undergraduate Research Apprentice Program (<http://research.berkeley.edu/urap>) (URAP). The program provides opportunities for you to receive course credit to work with faculty on cutting-edge research projects during the academic year. Nearly 1400 students and 300 faculty members participate each semester.
- **Independent research:** The Summer Undergraduate Research Fellowships (SURF L&S and SURF Rose Hills) fund 80-90 students/year, with stipends from \$4,250-\$6,000, to carry out research projects. In addition, the Haas Scholars Program funds 20 students a year, with stipends up to \$12,600 for independent research.
- **Public service:** The Stronach Baccalaureate Prize funds 4-6 recent Cal grads for up to \$25,000 to carry out a public service project of their own design.

In addition, the Office of Undergraduate Research provides services to promote undergraduate research campus-wide:

- **Campus-wide research programs listing:** The number of undergraduate research programs on campus has grown to about 50; find the ones that are right for you by searching on our undergraduate research opportunities page.
- **Workshops:** Attend a workshop -- "Getting Started", "Professional Communication", "Finding a faculty mentor" or "Writing a Research Proposal" -- to hit the ground running. Check our calendar for times and dates.
- **Other resources:** Check out our resources page to join our listserve and find helpful links and documents.

For information on the great variety of undergraduate research opportunities at Berkeley, visit Research@Berkeley (<http://research.berkeley.edu>) or email undergrad_research@berkeley.edu.

UC Washington Program (<http://ucdc.berkeley.edu/uc-washington-program>) The University of California extends its mission of service, teaching and research to the nation's capital. The UC Washington Center is a multi-campus residential, instructional and research center that provides students and faculty from the University of California with opportunities to study, research, work, and live within Washington's rich cultural, political and international heritage. Berkeley's UCDC Program provides a unique opportunity for undergraduates from all majors to spend a semester (Fall or Spring) in Washington, D.C. pursuing full-time course work and an internship in their selected field. Participants are full-time registered Berkeley students and remain eligible for financial aid. Students reside in the UC Washington Center.

The Undergraduate Research Apprentice Program (URAP) (<http://research.berkeley.edu/urap>) is the ideal place for students to begin to put their classroom learning to use. As research apprentices, students gain skills and perspectives as they assist faculty with research. More than 1,400 students participate in this program each year, working with faculty from nearly every department and college. For a current list of faculty projects, visit the URAP website (<http://research.berkeley.edu/urap>) .

Interdisciplinary Major and Minor Programs

The major and minor programs in Undergraduate Studies cluster under two umbrellas: the Undergraduate and Interdisciplinary Studies programs and the International and Area Studies programs.

Undergraduate and Interdisciplinary Studies

American Studies (<http://bulletin.berkeley.edu/undergraduate/degree-programs/american-studies>) : BA (Group Major)
 Cognitive Science (<http://bulletin.berkeley.edu/undergraduate/degree-programs/cognitive-science>) : BA (Group Major)
 Interdisciplinary Studies (<http://bulletin.berkeley.edu/undergraduate/degree-programs/interdisciplinary-studies>) : BA (Field Major)
 Media Studies (<http://bulletin.berkeley.edu/undergraduate/degree-programs/media-studies>) : BA (Group Major)
 Religious Studies (<http://bulletin.berkeley.edu/undergraduate/degree-programs/religious-studies>) : BA (Group Major)
 Applied Language Studies (<http://bulletin.berkeley.edu/undergraduate/degree-programs/applied-language-studies>) : Minor
 Creative Writing (<http://bulletin.berkeley.edu/undergraduate/degree-programs/creative-writing>) : Minor
 Disability Studies (<http://bulletin.berkeley.edu/undergraduate/degree-programs/disability-studies>) : Minor

Human Rights Interdisciplinary (<http://bulletin.berkeley.edu/undergraduate/degree-programs/human-rights-interdisciplinary>) : Minor
 Religious Studies (<http://bulletin.berkeley.edu/undergraduate/degree-programs/religious-studies>) : Minor
 Science & Math Education (<http://calteach.berkeley.edu/cal-teach-program/cal-teach-minor.php>) Minor

International and Area Studies

Asian Studies: China (<http://bulletin.berkeley.edu/undergraduate/degree-programs/asian-studies-china>) : BA (Group Major)
 Asian Studies: Japan (<http://bulletin.berkeley.edu/undergraduate/degree-programs/asian-studies-japan>) : BA (Group Major)
 Asian Studies: Multi-Area (<http://bulletin.berkeley.edu/undergraduate/degree-programs/asian-studies-multi-area>) : BA (Group Major)
 Development Studies (<http://bulletin.berkeley.edu/undergraduate/degree-programs/development-studies>) : BA (Group Major)
 Latin American Studies (<http://bulletin.berkeley.edu/undergraduate/degree-programs/latin-american-studies>) : BA (Group Major)
 Middle Eastern Studies (<http://bulletin.berkeley.edu/undergraduate/degree-programs/middle-eastern-studies>) : BA (Group Major)
 Peace and Conflict Studies (<http://bulletin.berkeley.edu/undergraduate/degree-programs/peace-conflict-studies>) : BA (Group Major)
 Political Economy (<http://bulletin.berkeley.edu/undergraduate/degree-programs/political-economy>) : BA (Group Major)
 Chinese Studies (<http://bulletin.berkeley.edu/undergraduate/degree-programs/chinese-studies>) : Minor
 Global Poverty and Practice (<http://blumcenter.berkeley.edu/education/gpp>) : Minor
 Japanese Studies (<http://bulletin.berkeley.edu/undergraduate/degree-programs/japanese-studies>) : Minor
 Korean Studies (<http://bulletin.berkeley.edu/undergraduate/degree-programs/korean-studies>) : Minor
 Latin American Studies (<http://bulletin.berkeley.edu/undergraduate/degree-programs/latin-american-studies>) : Minor
 Middle Eastern Studies (<http://bulletin.berkeley.edu/undergraduate/degree-programs/middle-eastern-studies>) : Minor
 Peace and Conflict Studies (<http://bulletin.berkeley.edu/undergraduate/degree-programs/peace-conflict-studies>) : Minor
 Political Economy (<http://bulletin.berkeley.edu/undergraduate/degree-programs/political-economy>) : Minor

International and Area Studies Graduate Programs

Asian Studies (<http://bulletin.berkeley.edu/graduate/degree-programs/asian-studies>) MA
 Latin American Studies (<http://bulletin.berkeley.edu/graduate/degree-programs/latin-american-studies>) MA

UGIS 5A Doing Research: Critical Inquiry at Berkeley 1 Unit

Introduces the nature of research and the research university's role in the production of knowledge. Explores differences and similarities among modes of inquiry in sciences, social sciences, and humanities by looking at UCB faculty and their various approaches to current problems. Examines challenges and rewards of doing research. Profiles undergraduate researchers. Online course for new freshmen culminates in (optional) welcome week activities.

Hours & Format

Summer: 6 weeks - 2.5 hours of lecture per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

UGIS W5 Doing Research: Critical Inquiry at Berkeley 1 Unit

Introduces the nature of research and the research university's role in the production of knowledge. Explores differences and similarities among modes of inquiry in sciences, social sciences, and humanities by looking at UCB faculty and their various approaches to current problems. Examines challenges and rewards of doing research. Profiles undergraduate researchers. Online course for new freshmen culminates in (optional) welcome week activities. This course is web-based.

Hours & Format

Summer: 6 weeks - 2.5 hours of web-based lecture per week

Online: This is an online course.

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

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UGIS C10 The Eye and Vision in a Changing Environment 2 Units

Course covers introduction to the basis of common sight reducing visual disorders with major public health implications for society--e.g., myopia, cataracts, diabetic hypertensive eye disorders, developmental disorders (e.g., lazy eye), and environmentally induced disease and disorders (solar eye burns, cataracts). Major approaches to the prevention, diagnosis, and treatment of common disorders will be addressed in terms of the biological and optical sciences underlying the treatment or prevention. Impact of eye care on society and health and care delivery will be reviewed.

Hours & Format

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

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Instructor: Adams

Also listed as: OPTOM C10

UGIS 39B Freshman/Sophomore Seminar 1.5 - 4 Units

Freshman and sophomore seminars offer lower division students the opportunity to explore an intellectual topic with a faculty member and a group of peers in a small-seminar setting. These seminars are offered in all campus departments; topics vary from department to department and from semester to semester.

Rules & Requirements

Credit Restrictions: Priority given to freshmen and sophomores.

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

Hours & Format

Fall and/or spring: 15 weeks - 1.5-4 hours of seminar per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

Grading/Final exam status: The grading option will be decided by the instructor when the class is offered. Final exam required.

UGIS 80A It's Elementary! Exploring Science with Young Students 2 Units

This course introduces the fundamentals of K-5 science education through demonstrations, skill modeling, and discussion. Topics include inquiry-based and cooperative learning strategies; team building and management tools; and assessment techniques. Students are placed in an elementary school and are provided the support needed to successfully participate in the classroom. This seminar offers an opportunity to explore teaching, foster children's natural curiosity, and inspire local students.

Rules & Requirements

Credit Restrictions: Students will receive no credit for Undergraduate Interdisciplinary Studies 80A after completing Undergraduate Interdisciplinary Studies 82.

Hours & Format

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

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/ Undergraduate

Grading/Final exam status: The grading option will be decided by the instructor when the class is offered. Final exam not required.

Instructor: Johnson

UGIS 80B It's Elementary! Exploring Math with Young Students 2 Units

This course introduces the fundamentals of K-5 math education through demonstrations, skill modeling, and discussion. Topics include inquiry-based and cooperative learning strategies; team building and management tools; and assessment techniques. Students are placed in an elementary school and are provided the support needed to successfully participate in the classroom. This seminar offers an opportunity to explore teaching, foster children's natural curiosity, and inspire local students.

Rules & Requirements

Credit Restrictions: Students will receive no credit for Undergraduate Interdisciplinary Studies 80B after completing Undergraduate Interdisciplinary Studies 82.

Hours & Format

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

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/ Undergraduate

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

Instructor: Nolan

UGIS 81A Teaching Science with Middle School Students 2 Units

This course introduces the fundamentals of sixth to eighth grade science education through demonstrations, skill modeling, and discussion. Topics include inquiry-based pedagogy, assessment techniques, empirically-based lesson revision, and adolescent development. Students are placed in a middle school and are provided the support needed to successfully participate in the classroom. This seminar offers an opportunity to explore teaching, foster children's natural curiosity, and inspire local students.

Rules & Requirements

Prerequisites: Undergraduate Interdisciplinary Studies 80A

Credit Restrictions: Students will receive no credit for Undergraduate Interdisciplinary Studies 81A after completing Undergraduate Interdisciplinary Studies 82.

Hours & Format

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

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/ Undergraduate

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

Instructor: Johnson

UGIS 81B Teaching Math with Middle School Students 2 Units

This course introduces the fundamentals of sixth to eighth grade math education through demonstrations, skill modeling, and discussion. Topics include inquiry-based pedagogy, assessment techniques, empirically-based lesson revision, and adolescent development. Students are placed in a middle school and are provided the support needed to successfully participate in the classroom. This seminar offers an opportunity to explore teaching, foster children's natural curiosity, and inspire local students.

Rules & Requirements

Prerequisites: Undergraduate Interdisciplinary Studies 80B

Credit Restrictions: Students will receive no credit for Undergraduate Interdisciplinary Studies 81B after completing Undergraduate Interdisciplinary Studies 82.

Hours & Format

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

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/ Undergraduate

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

Instructor: Nolan

UGIS 82 K-8 Teaching and Inquiry-Based Lesson Design in the Science and Mathematics Classroom 2 Units

This course surveys basic approaches to K-8 science and math teaching through modeling inquiry-based teaching and discussion. Topics include inquiry-based pedagogy, assessment techniques, lesson plan design and revision, and child development. Students are placed in science and math learning environments with upper elementary and middle school children to practice teaching. This seminar offers an opportunity to explore teaching, foster children's natural curiosity, and inspire local students.

Rules & Requirements

Credit Restrictions: Students will receive 2 units of credit for Undergrad Interdisciplinary Studies 82 after taking Undergrad Interdisciplinary Studies 80A, 80B, 81A, 81B.

Hours & Format

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

Summer: 8 weeks - 4 hours of seminar per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

Grading/Final exam status: Letter grade. Final exam not required.

Instructor: Nolan

UGIS 82M K-8 Teaching in the Mathematics Classroom 2 Units

This course surveys basic approaches to K-8 math teaching through modeling inquiry-based teaching and discussion. Topics include inquiry-based pedagogy, assessment techniques, lesson plan design and revision, and child development. Students are placed in math learning environments with upper elementary and middle school children to practice teaching. This seminar offers an opportunity to explore teaching, foster children's natural curiosity, and inspire local students.

Hours & Format

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

Summer: 8 weeks - 4 hours of seminar per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Instructor: Stone

UGIS 82S K-8 Teaching in the Science Classroom 2 Units

This course surveys basic approaches to K-8 science teaching through modeling inquiry-based teaching and discussion. Topics include inquiry-based pedagogy, assessment techniques, lesson plan design and revision, and child development. Students are placed in science learning environments with upper elementary and middle school children to practice teaching. This seminar offers an opportunity to explore teaching, foster children's natural curiosity, and inspire local students.

Hours & Format

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

Summer: 8 weeks - 4 hours of seminar per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Instructor: Stone

UGIS C92 Imagining Arab Civilization 4 Units

This course examines major aspects of Arab culture through literature, art, film, and other media. Questions of religious, political, and philosophical nature co-exist in Arab culture with literary conventions and aesthetic norms. The course explores the dynamic interaction among these abiding concerns of Arab culture from pre-Islamic times to the present.

Hours & Format

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

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Also listed as: NE STUD C92

UGIS 98 Directed Group Study for Lower Division Students 1 - 4 Units

Seminars for the group study of topics not covered by regularly scheduled courses. Topics may vary from semester to semester.

Rules & Requirements

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

Hours & Format

Fall and/or spring: 15 weeks - 1-4 hours of directed group study per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

UGIS 110 Introduction to Disability Studies 3 Units

This course focuses on the social and personal meaning of disability and chronic illness. We will explore definitions and conceptual models for the study of disability, the history of disabled people, bio-ethical perspectives, the depiction of disability in literature and the arts, public attitudes, and legal and social policies. The course will investigate the interaction of disability with social factors such as gender, sexual orientation, race, ethnicity, and class. The course is for students with and without disabilities, and may be of special interest to students preparing for careers in the health professions, education, law, architecture, social work, or gerontology.

Hours & Format

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

Summer: 8 weeks - 6 hours of lecture per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

UGIS 112 Women and Disability 3 Units

This course will explore the intersection of women's experience and disability issues, emphasizing the social and personal impact of disability and chronic illness on relationships, identity, employment, health, body image, sexuality, reproduction, motherhood, and aging. Through real stories of women's lives which reached the media in the last decade and before, students will move toward a dynamic understanding of the impact of a range of physical, emotional, and mental disabilities in the context of current social forces and public policy. We will explore historic perspectives as well as current trends in medicine, independent living, care-giving, insurance, public benefits, law, and community activism as they affect and are affected by disabled women and girls and their families. We will discuss controversial ethical issues such as prenatal screening, wrongful birth law suits, and physician-assisted suicide. Course readings will draw on the rich literature of disabled women's anthologies, biography and autobiography, scholarly and popular literature of disability, feminist analyses, creative writing, women's art, film, and theatre.

Hours & Format

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

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Instructor: Saxton

UGIS 113 Disability Studies in Practice 3 Units

A graded service-learning internship course in disability studies. Students will draw lessons from working in collaboration with major disability rights and independent living organizations. Each student will do an internship at one of these organizations for six hours a week. In an additional one-hour a week seminar together, students will first prepare for the internships, setting objectives for skills to be learned and planning effective projects, and then analyze and reflect on the work done, both in order to create greater understanding of each intern's individual experiences and in order to think critically about how "service" and "organizing" can address the needs and goals of the disability community. Students must apply in advance for admission into this course.

Rules & Requirements

Prerequisites: Consent of instructor

Hours & Format

Fall and/or spring: 15 weeks - 6 hours of internship and 1 hour of seminar per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Instructor: Schweik

UGIS 120 Introduction to Applied Language Studies 3 Units

This course is an introduction to the study of language as applied to real world problems in specific situations in which people use and learn languages, e.g., language learning and teaching, language socialization, bilingualism and multilingualism, language policy and planning, computer-mediated communication, stylistics, translation, intercultural communication, language and symbolic power, political and commercial rhetoric. Fieldwork consists of observation and analysis of language-related real world problems.

Hours & Format

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

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Instructor: Kramsch

UGIS C133 Death, Dying, and Modern Medicine: Historical and Contemporary Perspectives 4 Units

This course will study the end of life--dying and death--from the perspective of medicine and history. It seeks to confront the humanist with the quotidian dilemmas of modern clinical practice and medicine's deep engagement with death more generally. It invites pre-med, pre-law, and public policy students to understand these matters in light of the historical and, more broadly, literary and artistic perspectives of the humanities.

Hours & Format

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

Summer:

6 weeks - 8 hours of lecture and 2 hours of discussion per week

8 weeks - 6 hours of lecture and 2 hours of discussion per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Instructors: Laqueur, Micco

Also listed as: HISTORY C191/HMEDSCI C133

UGIS C135 Visual Autobiography 4 Units

Since visual and literary studies have historically been viewed as separate disciplines, we will use theories from both to study those forms of self-representation that defy disciplinary boundaries, or what we call "visual autobiography." The course aims to help students become conversant with the elements of alphabetic literacy (reading and writing) and visual literacy (observing and making) in order to develop a third distinctive textual/visual literacy.

Hours & Format

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

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Also listed as: AMERSTD C174/ENGLISH C143V/VIS STD C185A

UGIS C136 The American Forest: Its Ecology, History, and Representation 4 Units

The American forest will be examined in terms of its ecology, history, and representations in paintings, photographs, and literary essays. This examination seeks to understand the American forest in its scientific and economic parameters, as well as the historic, social, and ideological dimensions which have contributed to the evolution of our present attitudes toward the forest.

Hours & Format

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

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Instructors: Lovell, McBride

Also listed as: AMERSTD C112F/ESPM C191/HISTART C189

UGIS 140 The Hand-Printed Book in Its Historical Context 2 Units

The "Hand-Printed Book" is a studio course taught in the Bancroft press room. Using antique presses and 19th century type, each class produces by hand a rare first edition of a work from the Bancroft collections that has never been published before. As students learn how hand-produced books have been made in the west for the last 500 years, they are also taught about the history of the book, using examples from Bancroft's rare books and manuscripts collection.

Hours & Format

Fall and/or spring: 15 weeks - 4 hours of studio per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

Grading/Final exam status: Letter grade. Final exam not required.

Instructor: Ferriss

UGIS C153 Judaism in Late Antiquity 4 Units

This class will examine the emergence and development of classical Judaism, its piety, institutions, thought, and literature.

Hours & Format

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

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Also listed as: NE STUD C133/RELIGST C133

UGIS C155 Jewish Civilization: Modern Period 4 Units

This is the fourth course in a four-course sequence in the history of Jewish culture and civilization. It explores the major themes in Jewish history from 1750 to the present, with special attention paid to the transformation of Jewish communal and individual identity in the modern world. Topics to be treated include the breakdown of traditional society, enlightenment and emancipation, assimilation, Hasidism, racial anti-Semitism, colonialism, Zionism, and contemporary Jewish life in Europe, North America, and Israel. The multicultural nature of Jewish history will be highlighted throughout the course through the treatment of non-European Jewish narratives alongside the more familiar Ashkenazi perspective.

Hours & Format

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

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Also listed as: HISTORY C175B/RELIGST C135

UGIS 156 Human Rights Interdisciplinary Minor Capstone Workshop 1 - 3 Units

The HRI Capstone Workshop structures the process of turning research projects into conference papers in preparation for the HRI conference. The course allows students to tackle common research and writing problems together in a series of group advising sessions.

Rules & Requirements

Prerequisites: HISTORY C187 or Letters and Science C140V

Hours & Format

Fall and/or spring: 15 weeks - 1-1 hours of seminar per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

Grading/Final exam status: Letter grade. Final exam not required.

Instructor: Gallagher

UGIS W157 Experiential Learning: Context, Self-Reflection and Professional Development 4 Units

This course facilitates your learning and self-reflection about various types of organizational contexts, structures, and cultures and about the development of practical strategies to promote successful internship experiences. A series of audio-visual lectures, practical exercises, writing assignments, projects, and online group discussions will guide you through all stages of your internship experience. The course will also present a range of theories, methods, and real-world example for examining management and organizational theory and practice.

Rules & Requirements

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

Hours & Format

Fall and/or spring: 10 weeks - 3 hours of web-based lecture and 3 hours of web-based discussion per week

Online: This is an online course.

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Instructor: Clark

UGIS 160A Art 4 Units

This course delves into various facets of the Arts in Washington, D.C., whether involving public arts through museums such as the Smithsonian, or performance venues such as theatres; art history and public issues involving arts sponsorship and presentation.

Hours & Format

Fall and/or spring: 15 weeks - 4 hours of lecture per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

UGIS 162A Political Science: Behind the Bully Pulpit - The History of Presidential Speech 4 Units

As history has shown, there is no bully pulpit in the world like the American presidency. Whether it was Roosevelt declaring war on the Japanese or Regan declaring war on government bureaucracy, they, like all presidents, understood the power of their words to make history and to change it. This course will study the history of the presidency through their speeches. We will read and analyze remarks delivered from the podium in economic booms and busts, in times of social unrest, and even in moments of humor. By reading others and drafting our own, we will also learn the elements of an effective speech and how to craft and deliver one. A few former and current presidential speechwriters will be featured as guests throughout the semester. Course requirements include the 750-word op-ed, preparation and delivery of a 10-minute speech, writing a mid-term paper based on course materials and sitting for a final exam.

Hours & Format

Fall and/or spring: 15 weeks - 4 hours of lecture per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Instructor: Gottheimer

UGIS 162B Sports, Politics, and Society 4 Units

Few things have characterized mass culture in the 20th century more consistently and thoroughly than sports. We will look at the phenomenon ubiquitous to all advanced industrial societies where disorganized contests, competitions, and games mutated into what we have come to know as modern team sports. We will see how this transformation was virtually identical in every industrial society and should thus be seen as a fine gauge of modernity.

Hours & Format

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

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Instructor: Markovits

UGIS 162C Race and Politics in the American City 4 Units

The purpose of this seminar is to equip students to think deeply and critically about racial politics in the American city in general--and about racial politics in the American city of Washington, D.C. in particular. The seminar will begin with an introduction to a set of concepts fundamental to our subject--race, consciousness, racism, political action - and then move on to central features of city politics with race prominently in mind.

Hours & Format

Fall and/or spring: 15 weeks - 4 hours of lecture per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Instructor: Kinder

UGIS 162E Political Science: Environmental Policymaking and the Politics of Climate Change 4 Units

World leaders at the United Nations Framework Convention on Climate Change (UNFCCC) held in Copenhagen this past December announced that they reached "a meaningful agreement" that will lead to a global treaty to address climate change. Many observers see the politics of the Copenhagen Accord as a glimpse into the new world order in which international diplomatic power will increasingly be shared by the United States (U.S.) and emerging powers, such as China. Climate change policy also offers a lens through which the U.S. domestic environmental policymaking process can be viewed and its evolution better understood. This course will examine the dynamics of global environmental treaty-making after first studying the development of U.S. environmental protection efforts. Students will then analyze the international and domestic efforts that led up to the Copenhagen Accord and assess what is needed and likely to result from the next UNFCCC meeting to be held in Mexico City in 2010.

Hours & Format

Fall and/or spring: 15 weeks - 4 hours of lecture per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

Grading/Final exam status: Letter grade. Final exam not required.

Instructor: Wagner

UGIS 162H Political Science: Interest Group Politics: Lobbying and Influences 4 Units

This course will explore the role of interest groups and lobbyists in the American political process. We will discuss what makes an influential lobbyist in Washington. We will examine the ways in which organized interests try to achieve their goals, and what determines whether or not they are successful. We will investigate whether the tens of thousands of lobbyists roaming the streets of Washington improve or detract from the quality of American democracy.

Hours & Format

Fall and/or spring: 15 weeks - 4 hours of lecture per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/ Undergraduate

Grading/Final exam status: Letter grade. Final exam not required.

Instructor: Drutman

UGIS 162I Political Science: Lobbying, Money, and Influence in Washington 4 Units

This course will be an intense examination of lobbying in Washington with particular attention given to the role of money and campaign finance in the operation of what has become a highly sophisticated and poorly understood network of advocacy and influence. The approach of the instructor is to provide a basic understanding of three different but interrelated knowledge sets: the Congress, political money, and lobbying by interest groups.

Hours & Format

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

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/ Undergraduate

Grading/Final exam status: Letter grade. Final exam not required.

Instructor: Billet

UGIS 162J Political Science: U.S. Supreme Court: Judicial Politics and Constitutional Interpretation 4 Units

This course will introduce students to the Supreme Court of the United States and its work. Besides covering the Court's historical origins, its institutional power and limitations, and its current cases, this course will attempt to de-mystify one of the nation's most cloistered governmental institutions. Students will learn the nuts and bolts of what happens to a case from the day a petition to review a dispute arrives at the Supreme Court until the day the justices issue a final opinion.

Hours & Format

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

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/ Undergraduate

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

Instructors: Bravin, J., Bravin, N.

UGIS 162K Spies! The Politics of Intelligence 4 Units

In this course, students will be introduced to recent issues concerning intelligence, such as intelligence failure, reform, and oversight, with a focus on how the change in U.S. intelligence in the post-9/11 context has increasingly emphasized domestic or "homeland" intelligence. Students will gain an understanding of the different types of intelligence, the range of responsibilities that the different Intelligence Community members hold, and the relationship between intelligence and the policymaking process.

Hours & Format

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

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/ Undergraduate

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

Instructor: Cain

UGIS 162L Middle East Politics and the Arab "Spring" 4 Units

This course provides an overview of modern Middle Eastern politics with the aim of gaining a deeper understanding of the recent events of the Arab "Spring." This course begins with a historical analysis outlining the development of the states in the Middle East. Through this course, students will gain an understanding of the dynamics of the Middle Eastern politics and society.

Hours & Format

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

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/ Undergraduate

Grading/Final exam status: Letter grade. Final exam not required.

Instructor: Robbins

UGIS 162M U.S. Foreign Policy in the Middle East 4 Units

What are the United States' interests in the Middle East? Who and what determine those interests? And how are those interests pursued? This course addresses these questions in two parts. Students should leave this class with a strong understanding of the challenges that the U.S. faces in the Middle East, as well as an informed viewpoint regarding how well America is meeting those challenges.

Hours & Format

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

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/ Undergraduate

Grading/Final exam status: Letter grade. Final exam not required.

Instructor: Trager

UGIS 162N American Political Journalism 4 Units

This class will explore the relationships among politics, news media, and government. It will do so by focusing on particular news events in which the role of the media becomes an integral part of the story.

Hours & Format

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

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Instructor: Lozada

UGIS 162O The Science of Politics: Campaigns and Elections 4 Units

This class will teach you how to better understand the fundamental factors that drive elections in America and to learn some of the skills employed by political professionals. Many of your assignments will require you to apply the lessons of this class to real time events. Our goal in this class is to go beyond the spin and hyperbole of many election commentators and understand how voters decide and how strategists persuade.

Hours & Format

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

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Instructor: Goldstein

UGIS 162P Beyond Sovereignty 4 Units

The decline of traditional sovereignty is the focus of this course. The nature of that transformation--what is causing it, why, and with what implications--will be the object of our concern. While time frames are elusive, the bulk of our attention will be on the post-Cold War world.

Hours & Format

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

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

Grading/Final exam status: Letter grade. Final exam not required.

Instructor: Starrels

UGIS 162R Looking at the World: U.S. Foreign Policy and National Security 4 Units

This course combines two areas of continual fascination in Washington and beyond - US foreign policy and policies regarding national security. The course provides students with a framework to understand policy analysis, development, and implementation while introducing them to a range of the most pressing substantive policy issues the US is currently facing. The course will alternate between foreign policy issues and functional organizational tools used to address these issues.

Hours & Format

Summer: 8 weeks - 6 hours of lecture and 2 hours of discussion per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Instructors: Lester, Preble

UGIS 162S U.S. Foreign Policy Toward Africa 4 Units

This course will focus on the evolution of U.S. foreign policy toward Africa from African independence until present day. Specific themes include economic development, China's economic expansion, foreign aid, democracy, and human rights. Specific attention will focus on the role of race and ethnic politics and their influence on U.S. policy.

Hours & Format

Fall and/or spring: 14 weeks - 4 hours of lecture per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Instructor: Demessie

UGIS 162T Foreign Policy in Asia 4 Units

What are the most pressing foreign policy challenges in Asia today? How do American foreign policymakers respond to crises in Asia?

To what extent does domestic politics influence or inform our policy making? This course seeks to help students develop the analytical skills necessary to understand American policy toward Asia, especially in preparation for a career in foreign policy.

Hours & Format

Fall and/or spring: 14 weeks - 3 hours of lecture and 1 hour of discussion per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Instructor: Nardi

UGIS 162U 21st Century Diplomacy 4 Units

This course will provide an overview of the different types of diplomatic engagement that are being utilized by governments, multilateral institutions, and other actors that impact international relations. It will consider what the goals of diplomacy should be in today's interconnected world and what are the most effective tools to support our national security, foreign policy, and economic interests. The course will also examine variations such as diplomacy related to defense, development, and economic issues. Guest speakers with a variety of diplomatic experiences will provide a context for contemporary diplomacy.

Hours & Format

Fall and/or spring: 14 weeks - 3 hours of lecture and 1 hour of discussion per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Instructor: Shapiro

UGIS 165 A Window Into How Washington Works 4 Units

The federal government effects policy (e.g., enhancing public safety, protecting the environment, promoting a viable and growing economy, etc.) primarily in three ways: taxing, spending, and regulating. This course will explore how regulations -- an important instrument of government and one of the easiest ways for a President to make his/her mark -- are developed, amended, or repealed, with an emphasis on how the various institutions of the federal government are involved in the process and how they interact with the other interested entities.

Hours & Format

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

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

Grading/Final exam status: Letter grade. Final exam not required.

Instructor: Katzen

UGIS 172A The Communicator's Dilemma 4 Units

The course examines trends in a media landscape transformed by technology over the last three decades, from the post-Watergate era to the early soundings of the 2016 presidential campaign. The course will lean hard on guest speakers to give it topicality, urgency, and a sense of personal connection. We will also dissect media in its many forms to see if the old standards of objectivity have given way to a new model that verges on advocacy.

Hours & Format

Fall and/or spring: 14 weeks - 3 hours of lecture and 1 hour of discussion per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Instructor: Tackett

UGIS 172C Politics and Poems: Writing Verse in D.C. 4 Units

The course is space for writing and discussing poems in the nation's capital. The course is as much about reading poems as writing (and revising) them. Students will attend at least one live literary event as well as visit a museum or gallery to use the visual or plastic arts as a springboard for their poetry. Finally, students will acquire and hone the vocabulary necessary to offer constructive feedback on one another's work.

Hours & Format

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

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Instructor: Aragon

UGIS 173 Museums and Society: The Power of Display in Washington DC 3 Units

This course explores museums as dynamic sites of intellectual and cultural debate, and as institutions vested with the authority to define aesthetics, history, heritage, and even citizenship. Now more than ever, as the process of globalization raises questions about the fluidity, preservation, and "authenticity" of culture, museums of all kinds are attracting great interest both as places to visit and as a subject of critical analysis in their own right. As places defined by the collection, display, and interpretation of objects, museums are bound up in questions of permanence and transience, difference and identity, equity and privilege--issues that lie at the heart of what is termed the "new museology." But as institutional repositories of community memory or indigenous knowledge, they are also bound up in questions of representation, access and ownership--issues that move the debate over museum collections squarely into the politics of local, state, and national control over heritage. If ownership and control are the new realities of international heritage policy (and law), museums have quickly emerged as important sites on which and through which these claims are being made.

Hours & Format

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

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Instructor: Reddy

UGIS 175 Washington Ethics: Crisis, Reform, and Reaction 4 Units
This course explores the history, theory, and practice of public attempts to reform electoral and political processes at the national level. Emphasis will be on key players and institutions in Washington, D.C., and key theories underlying our conceptions of good government and politics.

Hours & Format

Fall and/or spring: 15 weeks - 4 hours of lecture per week

Summer: 8 weeks - 6 hours of lecture per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Instructor: Clark

UGIS 176 Ensuring Food Safety: Role of Producers, Consumers, and Public Health Agencies 4 Units

The course offers students an opportunity to gain insights into how the knowledge and expertise they acquire during their university studies can be applied to facilitating or enhancing efforts by public health agencies (local, state, national, and international) and by food producers, food manufacturers, food distributors, and other pertinent industry, to ensure food safety.

Hours & Format

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

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

Grading/Final exam status: Letter grade. Final exam not required.

Instructor: Ekperigin

UGIS 176A Negotiating with Terrorists 4 Units

This course will serve to teach and discuss the topic "Negotiating with Terrorists." The focus will be on negotiations with collective terrorist movements, not on bargaining with hostage takers in the course of single-event hostage taking incidences. The course will be organized in four thematic blocks with three classes each. All of the classes will be based on working on analytic themes. During classes, case studies will be equally discussed to foster understanding of these matters.

Hours & Format

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

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

Grading/Final exam status: Letter grade. Final exam not required.

Instructor: Goerzig

UGIS 176B Green Governance 4 Units

How do we create a sustainable world? What is the role of energy and environmental policy? Will technical innovation lead to better solutions? What is the role of the consumer? Should business climate change planning be under government mandate or voluntary? Will market-based solutions work? What metrics should we use to determine the relative effectiveness of various policies? These are the sorts of questions we will ask in this course.

Hours & Format

Fall and/or spring: 14 weeks - 3 hours of lecture and 1 hour of discussion per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Instructor: DuPuis

UGIS 177 The Politics of Education 4 Units

Students will study the ways power and politics affect and are affected by such issues as reform and innovation, centralization and decentralization within federal systems of governance, privatization and school choice, race and ethnicity, poverty and inequality, professionalism and bureaucratization, and testing and accountability.

Hours & Format

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

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

Grading/Final exam status: Letter grade. Final exam not required.

Instructor: Martinez

UGIS 187 Project-Based Instruction 4 Units

Framed around the topic of sustainability, the course engages students from different math, science, and engineering majors in the process of applying the content knowledge from their discipline to build project-based curricula for presentation as part of a 45-hour field placement in a local high school classroom. Students develop pedagogical content knowledge and relate teaching theory to practice through readings, classroom activities, discussion, lesson planning, and field observations.

Rules & Requirements

Prerequisites: Education 131

Hours & Format

Fall and/or spring: 15 weeks - 2 hours of lecture, 1 hour of discussion, and 3 hours of fieldwork per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

Grading/Final exam status: Letter grade. Final exam not required.

Instructor: Johnson

UGIS 188 Research Methods for Science and Mathematics K-12 Teachers 3 Units

Students undertake several in-depth research projects to develop methods for engaging in authentic research in the science or mathematics content area related to their major. Interactive lectures and labs are designed to meet the needs of future teachers by practicing specific techniques--including statistics, mathematical modeling, and scientific writing--needed to address scientific questions so that they may guide their future K-12 students to develop skills in problem solving and research.

Hours & Format

Fall and/or spring: 15 weeks - 2 hours of seminar and 2 hours of laboratory per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

Grading/Final exam status: Letter grade. Final exam not required.

Instructors: G. Johnson, Nolan

UGIS 189 Integrating Research Methods into K-12 Teaching in Mathematics and Science 1 or 3 Units

This course is designed to provide connections between research methods and science and math content learned in a research lab with teaching in the K-12 classroom. Hands-on inquiry-based science and math lessons are modeled and discussed. Students write research proposals, create posters demonstrating their research accomplishments, develop K-12 lesson plans that align with their research, and assemble digital portfolios on standards-based teaching and assessment.

Rules & Requirements

Prerequisites: Concurrent internship in a research lab with the Cal Teach Summer Institute

Hours & Format

Summer: 10 weeks - 4-4 hours of seminar per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Instructor: Nolan

UGIS 190 Independent Study - Research Methods 3 Units
Students enrolled will develop an independent research project under the supervision of a research mentor. Students will submit a formal research proposal and a final research paper, guided by the instructor.

Rules & Requirements

Credit Restrictions: Concurrent enrollment in UGIS 188 or UGIS 189, or prior approval of instructor.

Hours & Format

Fall and/or spring: 15 weeks - 9 hours of independent study per week

Summer: 10 weeks - 11.5 hours of independent study per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Instructor: Stone

UGIS 192A Supervised Research: Humanities 1 - 4 Units
Undergraduate Research Apprenticeship Program (URAP). Directed individual research on topics connected to faculty scholarship.

Rules & Requirements

Credit Restrictions: Students may enroll in only one section of 192 per semester.

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

Hours & Format

Fall and/or spring: 15 weeks - 3-12 hours of tutorial per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

UGIS 192B Supervised Research: Social Sciences 1 - 4 Units
Undergraduate Research Apprenticeship Program (URAP). Directed individual research on topics connected to faculty scholarship.

Rules & Requirements

Credit Restrictions: Students may enroll in only one section of 192 per semester.

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

Hours & Format

Fall and/or spring: 15 weeks - 3-12 hours of tutorial per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

UGIS 192C Supervised Research: Biological Sciences 1 - 4 Units
Undergraduate Research Apprenticeship Program (URAP). Directed individual research on topics connected to faculty scholarship.

Rules & Requirements

Credit Restrictions: Students may enroll in only one section of 192 per semester.

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

Hours & Format

Fall and/or spring: 15 weeks - 3-12 hours of tutorial per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

UGIS 192D Supervised Research: Physical Sciences 1 - 4 Units
Undergraduate Research Apprenticeship Program (URAP). Directed individual research on topics connected to faculty scholarship.

Rules & Requirements

Credit Restrictions: Students may enroll in only one section of 192 per semester.

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

Hours & Format

Fall and/or spring: 15 weeks - 3-12 hours of tutorial per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

UGIS 192E Supervised Research: Interdisciplinary Studies 1 - 4 Units
Undergraduate Research Apprenticeship Program (URAP). Directed individual research on topics connected to faculty scholarship.

Rules & Requirements

Credit Restrictions: Students may enroll in only one section of 192 per semester.

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

Hours & Format

Fall and/or spring: 15 weeks - 3-12 hours of tutorial per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

UGIS 196N UCDC Summer Internship 6 - 8 Units

This course provides a credited internship for all students enrolled in the Cal-in-the-Capital/UCDC summer program. 196N requires that students work 3-4 days per week as interns in settings selected to provide them with exposure to and experience in government, public policy, international affairs, media, the arts, or other areas of relevance to their major fields of study.

Rules & Requirements

Prerequisites: DeCal Public Policy 98/198

Hours & Format

Summer: 8 weeks - 18-24 hours of internship per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Instructor: Cain

UGIS C196A UCDC Core Seminar 4 Units

This course is the UCDC letter-graded core seminar for 4 units that complements the P/NP credited internship course UGIS C196B. Core seminars are designed to enhance the experience of and provide an intellectual framework for the student's internship. UCDC core seminars are taught in sections that cover various tracks such as the Congress, media, bureaucratic organizations and the Executive Branch, international relations, public policy and general un-themed original research.

Rules & Requirements

Prerequisites: C196B (must be taken concurrently)

Hours & Format

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

Summer: 10 weeks - 4.5 hours of lecture and 1.5 hours of discussion per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

Grading/Final exam status: Letter grade. Final exam not required.

Also listed as: GWS C196A/HISTART C196A/HISTORY C196A/
MEDIAS C196A/POL SCI C196A/POLECON C196A/SOCIOL C196A

UGIS C196B UCDC Internship 6.5 Units

This course provides a credited internship for all students enrolled in the UCDC and Cal in the Capital Programs. It must be taken in conjunction with the required academic core course C196A. C196B requires that students work 3-4 days per week as interns in settings selected to provide them with exposure to and experience in government, public policy, international affairs, media, the arts or other areas or relevance to their major fields of study.

Rules & Requirements

Prerequisites: C196A (must be taken concurrently)

Hours & Format

Fall and/or spring: 15 weeks - 24-30 hours of internship per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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

Also listed as: GWS C196B/HISTART C196B/HISTORY C196B/
MEDIAS C196B/POL SCI C196B/POLECON C196B/SOCIOL C196B

UGIS C196W Special Field Research 10.5 Units

Students work in selected internship programs approved in advance by the faculty coordinator and for which written contracts have been established between the sponsoring organization and the student. Students will be expected to produce two progress reports for their faculty coordinator during the course of the internship, as well as a final paper for the course consisting of at least 35 pages. Other restrictions apply; see faculty adviser.

Rules & Requirements

Prerequisites: Consent of instructor

Repeat rules: Course may be repeated for a maximum of 12 units. Course may be repeated for a maximum of 12 units.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of seminar and 25 hours of internship per week

Summer:

6 weeks - 7.5 hours of seminar and 60 hours of internship per week
8 weeks - 6 hours of seminar and 50 hours of internship per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

Grading/Final exam status: Letter grade. Final exam not required.

Formerly known as: 196W

Also listed as: GWS C196W/HISTART C196W/HISTORY C196W/
MEDIAS C196W/POL SCI C196W/POLECON C196W/SOCIOL C196W

UGIS 198 Directed Group Study for Upper Division Students 1 - 4 Units
Seminars for group study of topics not covered by regularly scheduled courses. Topics may vary from semester to semester. Students must have completed 60 units to be eligible to enroll.

Rules & Requirements

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

Hours & Format

Fall and/or spring: 15 weeks - 1-4 hours of directed group study per week

Additional Details

Subject/Course Level: Undergrad Interdisciplinary Studies/
Undergraduate

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