

# Requirements for a Bachelor's Degree

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## On This Page:

- Catalogue Rights
- University Requirements
- UCI Requirements
- General Education (GE) Requirement
- First-Year Integrated Program (FIP)
- School, Departmental, and Major Requirements
- Minor Programs
- Application for Graduation

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There are four groups of requirements that must be met to earn a baccalaureate degree from UCI: general UC requirements; UCI requirements, including the General Education (GE) requirement; school or program requirements; and degree-specific requirements.

UC and UCI requirements are described below. School or program and major-specific requirements are described in full in the academic unit sections.

Students with identified learning and/or physical disabilities, including language-acquisition problems, are eligible to receive support through the Disability Services Center; telephone 949-824-7494 (voice), 824-6272 (TTY), email: dsc@uci.edu. Staff can assist students from the time they are admitted to UCI until they graduate.

## Catalogue Rights

Students enrolled at UCI from their freshman year may elect to meet as graduation requirements (UC, UCI, school, and major): (1) those in effect at the time of entrance, or (2) those subsequently established after entrance.

A readmitted student who has not been enrolled at UCI for three or more consecutive quarters (excluding summer sessions) must adhere to the graduation requirements: (1) in effect for the quarter in which the student is readmitted; or (2) those subsequently established.

Students transferring from other collegiate institutions may elect to meet as graduation requirements either: (1) those in effect at the time of enrollment at UCI; (2) those subsequently established; or (3) those in effect at UCI when the student first entered a previous, accredited collegiate institution, provided that the student has been continuously enrolled in a collegiate institution and that entry was not more than four years prior to the time of enrollment at UCI.

A transfer student who has had a break of enrollment of two consecutive semesters or three consecutive quarters (excluding summer sessions) may follow the requirements in effect at UCI: (1) at the time of enrollment at UCI; (2) those subsequently established; or (3) those in effect at the time of reentry into a previous, accredited collegiate institution, provided that reentry was not more than four years prior to enrollment at UCI.

A transfer student who has been continuously enrolled in college for more than four years prior to transfer may use: (1) the requirements in effect at the time of enrollment at UCI; (2) those subsequently established; or (3) those in effect at UCI four years prior to enrollment at UCI.

All students, whether enrolled at UCI from their freshman year, readmitted, or transfer, may elect to fulfill general education requirements as specified above, independent of how they choose to meet all other graduation requirements (UC, UCI [with the exception of general education], school, and major).

Students choosing to complete a minor, whether enrolled at UCI from their freshman year, readmitted, or transfer, may elect to fulfill minor requirements as specified above, independent of how they choose to meet all other graduation requirements (UC, UCI, school, and major).

Transfer students who complete one of the following options will be considered to have met the total UCI general education requirement except the upper-division writing requirement: (1) students who transfer from a four-year institution and who have completed the general education requirements of that college, upon approval of petition; (2) students who transfer from another UC campus and provide official documentation that they have met the general education requirements of that campus; (3) students who transfer from another UC campus and are in the process of completing the general education requirements of that campus, upon approval of petition, and who subsequently complete the remaining requirements of that campus at UCI; or (4) California Community College transfer students who have completed the Intersegmental General Education Transfer Curriculum. Transfer students may also elect to complete the UCI general education requirement.

## University Requirements

### English (UC Entry Level Writing)

Every undergraduate must demonstrate proficiency in writing. The Entry Level Writing Requirement may be satisfied *before admission* in any of the following ways:

1. Score 3 or higher on the College Board Advanced Placement (AP) Examination in English (Language or Literature); *or*
2. Score 5 or higher on the International Baccalaureate (IB) Higher Level Examination in English (Language A only), or score 6 or higher on the IB Standard Level Examination in English (Language A only); *or*
3. Score 680 or higher on the Writing section of the SAT, or score 30 or higher on the ACT Plus Writing test.

The UC Entry Level Writing requirement may be met *after admission* by one of the following options:

1. Passing the UC Analytical Writing Placement Examination given in mid-May (and on subsequent dates) to all entering freshmen admitted for fall quarter (see Placement Testing). Freshmen admitted to UC will receive detailed information in April about the exam. Freshman students who are not California residents may take the exam in the fall after they enroll. Transfer students who have not satisfied the UC Entry Level Writing requirement should contact the UCI Composition Program Office, 420 Humanities Instructional Building; telephone 949-824-6717.
2. Prior to enrolling in the University, complete with a grade of C or better a transferable college course in English composition worth four quarter or three semester units. (Once a student enrolls at a UC campus, courses from institutions other than UC may not be used to satisfy the Entry Level Writing Requirement.) Students who meet the University's basic requirements for minimal transfer eligibility, which include two transferable college courses in English composition, satisfy the Entry Level Writing Requirement.

NOTE: Those students who have not met the requirement before entrance must satisfy the requirement before the beginning of their fourth quarter at UCI. Students who have not satisfied the requirement by that time will be ineligible to enroll for a fourth quarter.

The UC Entry Level Writing requirement may be met *after enrollment* by one of the following options:

1. Enrolling in Humanities Core writing courses designated "ES." (NOTE: Students held for UC Entry Level Writing and enrolled in the Humanities Core must enroll in an ES section of the Humanities Core during their first quarter. Successful completion of these writing courses with a letter grade of C or better will satisfy the requirement. Students who do not receive a letter grade of C or better in HUMAN 1AES in the fall quarter and who continue to be held for UC Entry Level Writing must enroll in HUMAN 1BES during the winter quarter and satisfy the requirement by earning a letter grade of C or better.)
2. Taking either WRITING 37 or WRITING 39A and receiving a letter grade of C or better in the course.

Students enrolled in Essentials of Academic Writing (AC ENG 20A, AC ENG 20B, AC ENG 20C, AC ENG 20D) must enroll in WRITING 39A immediately after they are authorized to do so by the Academic English/English as a Second Language Program. Students with a score of 2, 3, or 4 from the UC Analytical Writing Placement Examination are also required to enroll in WRITING 39A; some students with these scores may be required to take the Academic English Placement Test before enrolling in WRITING 39A.

The Pass/Not Pass grade option may not be used to satisfy the UC Entry Level Writing requirement.

Students enrolled at UCI may take only UCI courses to satisfy the UC Entry Level Writing requirement. Continuing UCI students may not take summer courses at another institution to satisfy this requirement.

### American History and Institutions

This requirement may be met by one of the following options:

1. Completion in an accredited high school of a one-year course in United States history with a grade of C or better, *or* a half-year course in United States history and a half-year course in American government with grades of C or better; *or*
2. Achieving a score of 3, 4, or 5 on the College Board Advanced Placement Examination in United States History; *or*
3. Achieving a score of 550 or better on the SAT Subject Test in United States history; *or*
4. Presentation of a certificate of completion of the requirement at another California institution; *or*
5. Completion at UCI or another U.S. institution of one year of college-level United States history with grades of C or better, *or* one course in United States history and one in United States government with grades of C or better. Acceptable UCI courses: United States history—HISTORY 40A, HISTORY 40B, HISTORY 40C; United States government—POL SCI 21A.

## UCI Requirements

### Unit Requirement

Credit for a minimum of 180 quarter units, earned by examination, by other evaluation, or course work is required. A course normally offers four quarter units of credit.

## Grade Requirement

A minimum grade average of at least C (2.0) is required (1) overall, (2) in all of the courses required for the major program, and (3) in the upper-division courses required for the major program. Higher averages than this may be required only in honors programs. Students who fail to attain a C (2.0) average in courses required in the major program may, at the option of the major unit, be denied the privilege of pursuing a major program in that unit. In this context, “the courses required in the major program” are defined as the courses required for the major and offered by the program of the student’s major (or programs, in the case of an interdisciplinary or interdepartmental major). A major can include additional courses required for the major in this set, with the approval of the Council on Education Policy. In this case, the list of additional courses is published in the *Catalogue* with the requirements for the major.

## Residence Requirement

At least 36 of the final 45 units completed by a student for the bachelor’s degree must be earned in residence at the UCI campus. Exceptions to this rule may be allowed, with prior departmental approval, to students enrolled in the Education Abroad Program, the UCDC Academic Internship Program, the UC Center Sacramento Scholar Intern Program, or the International Opportunities Program with International Study Advance Contract.

## General Education (GE) Requirement

UCI is committed to the values of a liberal education. One component of that commitment is the requirement that all undergraduates complete a set of general education (GE) requirements. General education courses introduce students to a range of ideas and intellectual activities that engage UCI scholars, providing both scope and balance to a University degree beyond the study of a specific major.

The general education requirements are intended to help undergraduates place the specialized study undertaken in the major within a broader context. They are designed to cultivate the skills, knowledge, and understanding that will make students effective contributors to society and the world. The general education requirements should enable UCI undergraduates to apply the abilities developed in their studies to identify significant issues, gather and evaluate available evidence, analyze alternatives, reach conclusions, communicate the results effectively, and take considered actions.

The general education requirement is a *graduation* requirement and, with the exception of the lower-division writing requirement, need *not* be satisfied during only the lower-division years. To satisfy the general education requirement, courses are required in each of the following categories:

**I. Writing** (two lower-division plus one upper-division course)

**II. Science and Technology** (three courses)

**III. Social and Behavioral Sciences** (three courses)

**IV. Arts and Humanities** (three courses)

**V. Quantitative, Symbolic, and Computational Reasoning, with subcategories Va and Vb** (three courses that may also satisfy another GE category)

**VI. Language Other Than English** (one course)

**VII. Multicultural Studies** (one course that may also satisfy another GE category)

**VIII. International/Global Issues** (one course that may also satisfy another GE category)

The specific courses in each area that students may use to satisfy the requirements are listed below. When a general education course is cross-listed with another course, that course also is available for fulfillment of the requirement. Students should refer to the *Catalogue* descriptions of the courses to determine which are cross-listed.

A course qualifies for a particular GE category based on its content rather than on the academic unit that offers it. However, to increase students’ exposure to a variety of disciplinary approaches, students are encouraged to choose GE courses from a wide range of schools and departments outside of the student’s major.

NOTE: The following list of courses approved for GE is effective for the 2016-17 academic year only. Because changes occur each year, students should consult the GE list annually to ensure that the courses they enroll in are on the list. GE credit is awarded for a course only if it appears on the list during the academic year when it is taken. To check the GE course offerings in a particular quarter, consult the *Schedule of Classes* on the University Registrar’s website (<http://www.reg.uci.edu>).

## General Education Categories

### I. Writing

Because of the importance of visual, oral, electronic, and written communication in every academic discipline, in the professions, and in public life, the University is committed to developing a variety of communication abilities in students at all levels and in all areas. The Writing Requirement expresses this broad commitment, but the concern for and attention to rhetorically effective, accurate writing is expected in all courses.

The Writing Requirement consists of two courses at the lower-division level beyond the UC Entry Level Writing requirement and one upper-division course in a discipline.

Except where otherwise noted below, students must satisfy the UC Entry Level Writing requirement prior to fulfilling the UCI writing requirement.

Students who have not completed the lower-division writing requirement before the beginning of their seventh quarter at UCI will be subject to probation. Students transferring to UCI normally should have satisfied the lower-division writing requirement before entering UCI; if, however, they have not, they must complete it within their first three quarters of enrollment or they will be subject to probation. Academic English/English as a Second Language students must complete the lower-division writing requirement before the beginning of the seventh quarter following the completion of their AE/ESL courses or they will be subject to probation.

The third course must be an upper-division writing course, and it must be taken only after the successful completion of the lower-division requirement.

Students enrolled at UCI may take only UCI courses in satisfaction of the lower-division and upper-division writing requirements. Continuing UCI students may not take summer courses at another institution to satisfy lower-division or upper-division writing requirements.

After completing this GE requirement, successful students should be able to do the following:

### Lower-division writing

- demonstrate rhetorically effective, accurate academic writing and communication across a variety of contexts, purposes, audiences, and media using appropriate stance, genre, style, and organization;
- develop flexible strategies for generating, revising, editing, and proofreading texts;
- develop abilities in critical reading across a variety of genres and media;
- and demonstrate information literacy skills by locating, evaluating, and integrating information gathered from multiple sources into a research project.

### Upper-division writing

- demonstrate rhetorically effective, discipline-specific writing for appropriate academic, professional, and public audiences;
- demonstrate, at an advanced level of competence, use of discipline-specific research methods, genres, modes of development, and formal conventions;
- and demonstrate advanced information literacy skills by locating, evaluating, and integrating information gathered from multiple sources into discipline-specific writing.

### Ia. Lower-Division Requirement

The two courses taken to fulfill the lower-division requirement must be completed with a minimum grade of C (or a Pass or Credit grade equivalent to C). Students may select from the courses specified below:

1. WRITING 39B Critical Reading and Rhetoric and WRITING 39C Argument and Research.
2. WRITING 37 Intensive Writing and WRITING 39C Argument and Research. Recommended students only.
3. Completion of the writing component of Humanities Core with a grade of C or better in (HUMAN 1AS or HUMAN H1AS or HUMAN 1BS or HUMAN H1BS or HUMAN 1BES), and in HUMAN 1CS or HUMAN H1CS.
4. Students who complete WRITING 37 or WRITING 39B with a grade of B (3.0) or better may substitute as the second course of the lower-division writing requirement one of the following courses in creative writing: WRITING 30 or WRITING 31.
5. WRITING 39B and completion of a First-Year Integrated Program (FIP) sequence, with a grade of C (or Pass) or better in the third quarter of the sequence.

### Ib. Upper-Division Requirement

The course taken to fulfill the upper-division requirement must be completed with a minimum grade of C (or a Pass or Credit grade equivalent to C). The requirement may be satisfied by completing one of the following options:

1. An upper-division course designated on a list of approved courses in the quarterly *Schedule of Classes* on the University Registrar's website (<http://www.reg.uci.edu>). NOTE: All courses approved to fulfill the upper-division writing requirement should have a "W" suffix. Students are encouraged to consult the *Schedule of Classes* or their advisor to determine the current upper-division writing requirement course offerings. If a course on the approved list is offered without the "W" suffix, it does not satisfy the upper-division writing requirement.
2. Majors in the School of Biological Sciences, Physics majors, and Pharmaceutical Sciences majors satisfy the upper-division writing requirement in the manner specified in those academic unit sections of the *Catalogue*.

Students who fail to attain the required grades in the courses taken in fulfillment of the writing requirement should refer to the Academic Regulations and Procedures section for further information.

Courses with an asterisk (\*) can meet one or more GE requirement. Click on the course for more information.

## Ib. Upper-Division Requirement

### Academic English and ESL (AC ENG)

AC ENG 139W

Advanced Academic Writing Across the Curriculum

### African American Studies (AFAM)

AFAM 162W

The Black Protest Tradition

### Anthropology (ANTHRO)

ANTHRO 121AW

Kinship and Social Organization

ANTHRO 134GW

HIV/AIDS in a Global Context\*

ANTHRO 161TW

Field Research: Asian Immigrants and Refugees in Orange County

ANTHRO 162BW

Indian North America\*

ANTHRO 180AW

Anthropology Majors Seminar

ANTHRO H191W

Honors Senior Thesis

### Art (ART)

ART 101W

Artists as Writers

### Art History (ART HIS)

ART HIS 190W

Art History Methods

### Arts and Humanities (ARTSHUM)

ARTSHUM 100

The Arts in Theory and Practice

### Asian American Studies (ASIANAM)

ASIANAM 100W

Research Methodologies for Asian American Studies

### Biological Sciences (BIO SCI)

BIO SCI E106L

Habitats and Organisms

BIO SCI D111L

Developmental and Cell Biology Laboratory

BIO SCI E112L

Physiology Laboratory

BIO SCI N113L

Neurobiology Laboratory

BIO SCI M114L

Biochemistry Laboratory

BIO SCI E115L

Evolution Laboratory

BIO SCI M116L

Molecular Biology Laboratory

BIO SCI M118L

Experimental Microbiology Laboratory

BIO SCI M121L

Advanced Immunology Laboratory

BIO SCI M122L

Advanced Microbiology Laboratory

BIO SCI M124L

Virus Engineering Laboratory

BIO SCI M127L

Virology and Immunology Laboratory

BIO SCI M130L

Advanced Molecular Lab Techniques

BIO SCI E131L

Image Analysis in Biological Research

BIO SCI E140L

Evolution and the Environment Laboratory

BIO SCI E142W

Writing/Philosophy of Biology

BIO SCI E161L

Biology of Birds Lab

BIO SCI E166L

Field Biology

BIO SCI E179L

Field Freshwater Ecology

BIO SCI 191CW

Writing/Senior Seminar on Global Sustainability III

### Chicano/Latino Studies (CHC/LAT)

CHC/LAT 102W

Chicano/Latino Research Seminar

CHC/LAT 148W

Racial and Ethnic Relations in the United States

CHC/LAT 156W

Chicano/Latinos and Labor

CHC/LAT 158W

Feminisms of Color\*

CHC/LAT 177W

Culture and Close Relationships\*

CHC/LAT H190CW

Honors Thesis

### Chemistry (CHEM)

CHEM H181W

Honors Seminar in Chemistry

### Classics (CLASSIC)

CLASSIC 160W

Topics in Classical Literature in English Translation

**Comparative Literature (COM LIT)**

COM LIT 102W  
COM LIT 190W

Comparative Studies in Literature and Theory  
Advanced Seminar in Comparative Literature and Theory

**Computer Science and Engineering (CSE)**

CSE 181CW

Senior Design Project III

**Dance (DANCE)**

DANCE 185W

Critical Issues in Dance

**Drama (DRAMA)**

DRAMA 109W  
DRAMA 110W  
DRAMA 112W  
DRAMA 116W  
DRAMA 118W  
DRAMA 126W  
DRAMA 129W  
DRAMA 132AW  
DRAMA 180W

Special Topics in Theory and Criticism  
Special Topics in Classical Dramas  
Special Topics in Early Modern and Neoclassical Theatre  
Special Topics in Nineteenth-Century Dramas  
Special Topics in Modern and Contemporary Drama  
African American Film and Drama  
Advanced Topics in Performance  
Writing for Performance  
Contemporary Dramatic Criticism and Theory

**Earth System Science (EARTHSS)**

EARTHSS 190CW  
EARTHSS 198W  
EARTHSS H198

Writing/Senior Seminar on Global Sustainability III  
Senior Thesis in Earth System Science  
Honors Thesis in Earth System Science

**Economics (ECON)**

ECON 122CW  
ECON 123CW  
ECON 142CW  
ECON 145FW  
ECON 149W  
ECON 153W  
ECON 164AW  
ECON 190BW

Data Analysis Writing  
Econometrics III  
Industrial Organization III  
Economics of the Environment II  
Special Topics in Economics of Public and Private Organizations  
Political Institutions, Legal Systems, and Economic Development  
The Industrial Revolution in Western Europe  
Economics Honors Colloquium II

**Education (EDUC)**

EDUC 143AW  
EDUC 143BW  
EDUC 179W

Classroom Interactions I  
Classroom Interactions II\*  
Advanced Composition for Teachers

**Electrical Engineering Computer Science (EECS)**

EECS 159CW

Senior Design Project III

**English (ENGLISH)**

ENGLISH 101W

Undergraduate Seminar in Critical Writing: Topics in Literary History

**Engineering (ENGR)**

ENGR 190W  
ENGR 196W  
ENGR H196W

Communications in the Professional World  
Engineering Thesis  
Honors Thesis

**European Studies (EURO ST)**

EURO ST 190W

Senior Seminar in European Studies

**Film and Media Studies (FLM&MDA)**

FLM&MDA 139W

Writing on Film and Media

**French (FRENCH)**

FRENCH 139W

Literature and Society

**Gender and Sexuality Studies (GEN&SEX)**

GEN&SEX 139W

Topics in Gender Studies

**German (GERMAN)**

GERMAN 140W

Topics in Literary Theory and Criticism

GERMAN 150W	German Literature and Culture in Translation
GERMAN 160W	German Cinema
GERMAN 170W	Topics in German Linguistics
<b>Global Middle East Studies (GLBL ME)</b>	
GLBL ME 100W	Research and Writing for Global Middle East Studies
<b>History (HISTORY)</b>	
HISTORY 100W	Writing About History
<b>Humanities (HUMAN)</b>	
HUMAN H142W	Senior Honors Colloquium
<b>Information and Computer Science (I&amp;C SCI)</b>	
I&C SCI 139W	Critical Writing on Information Technology
<b>Informatics (IN4MATX)</b>	
IN4MATX 162W	Organizational Information Systems
<b>International Studies (INTL ST)</b>	
INTL ST 154W	Ethics and Justice in International Affairs
INTL ST 155BW	Media Writing
INTL ST 183CW	Seminar Conflict Resolution
<b>Literary Journalism (LIT JRN)</b>	
LIT JRN 101BW	Literary Journalism Core Writing Seminar
<b>Logic and Philosophy of Science (LPS)</b>	
LPS 100W	Writing Philosophy
LPS 142W	Writing/Philosophy of Biology
<b>Management (MGMT)</b>	
MGMT 191W	Business Communication
<b>Music (MUSIC)</b>	
MUSIC 142W	Studies in Baroque Music
MUSIC 143W	Studies in Classical Music
MUSIC 144W	Studies in Romantic Music
MUSIC 145W	Studies in Twentieth-Century Music
MUSIC 180AW	Music and Material Culture
MUSIC 180W	Music Criticism
<b>Nursing Science (NUR SCI)</b>	
NUR SCI 110W	Frameworks for Professional Nursing Practice
<b>Philosophy (PHILOS)</b>	
PHILOS 100W	Writing Philosophy
PHILOS 102W	Introduction to the Theory of Knowledge
PHILOS 142W	Writing/Philosophy of Biology
<b>Pharmaceutical Sciences (PHRMSCI)</b>	
PHRMSCI 174L	Biopharmaceutics and Nanomedicine Lab
PHRMSCI 177L	Medicinal Chemistry Laboratory
<b>Physical Science (PHY SCI)</b>	
PHY SCI 139W	Technical Writing and Communication Skills
<b>Physics (PHYSICS)</b>	
PHYSICS 121W	Advanced Laboratory
<b>Political Science (POL SCI)</b>	
POL SCI 120W	Public Opinion
POL SCI 122BW	California Politics
POL SCI 125AW	The United States Congress
POL SCI 125CW	Constitutional Convention
POL SCI 137BW	Types of Political Representation
POL SCI 138CW	Ethics of Difference
POL SCI 151EW	Are Chinese Politics Changing?

POL SCI 171AW  
 POL SCI 171CW  
 POL SCI 174CW  
 POL SCI 190W

**Psychology and Social Behavior (PSY BEH)**

PSY BEH 192RW

**Psychology (PSYCH)**

PSYCH 111BW  
 PSYCH 112BW  
 PSYCH 146MW

**Public Health (PUBHLTH)**

PUBHLTH 195W

**Social Science (SOC SCI)**

SOC SCI 172AW  
 SOC SCI 183CW  
 SOC SCI 184GW  
 SOC SCI 185W  
 SOC SCI H190C

**Social Ecology (SOCECOL)**

SOCECOL 183CW  
 SOCECOL 186CW  
 SOCECOL H190W  
 SOCECOL 194W  
 SOCECOL 195CW

**Sociology (SOCIOL)**

SOCIOL 120W  
 SOCIOL 145W  
 SOCIOL 147AW  
 SOCIOL 152W  
 SOCIOL 154W  
 SOCIOL 155BW  
 SOCIOL 158CW  
 SOCIOL 161W  
 SOCIOL 164W  
 SOCIOL 167AW  
 SOCIOL 177W  
 SOCIOL 180AW  
 SOCIOL 188BW

**Writing (WRITING)**

WRITING 101W  
  
 WRITING 139W  
 WRITING 179W

Law and Society  
 Comparative Constitutional Politics  
 U.S. Supreme Court  
 Senior Thesis

Culture and Close Relationships\*

Honors Advanced Experimental Psychology  
 Advanced Experimental Psychology  
 Writing about Memory

Public Health Practicum and Culminating Experience

American Culture  
 Seminar Conflict Resolution  
 Media Writing  
 People in Society  
 Honors Thesis

Seminar Conflict Resolution  
 Writing/Senior Seminar on Global Sustainability III  
 Honors Research  
 Naturalistic Field Research  
 Advanced Field Study

Sociological Theory  
 Occupations and Professions  
 Cities and Social Change  
 Sociology of Art and Popular Culture  
 Medical Sociology  
 Baseball and Society  
 Money, Work, and Social Life  
 Sociology of Sex and Gender  
 Sociology of Aging  
 Racial and Ethnic Relations in the United States  
 Immigration and Social Policy  
 Sociology Majors Seminar  
 Honors Research and Thesis

Undergraduate Seminar: Applications in Literary Theory and Criticism for Creative Writing  
 Advanced Expository Writing  
 Advanced Composition for Teachers

**II. Science and Technology**

Understanding the nature of scientific inquiry and the operation of the biological, physical, and technological world is essential for making personal and public policy decisions in a technological society.

After completing this GE requirement, successful students should be able to do the following:

- demonstrate a broad understanding of the fundamental laws of science, the principles underlying the design and operation of technology, and the interrelations among science and technology disciplines;
- demonstrate a broad understanding of various natural phenomena that surround and influence our lives;
- describe how scientists approach and solve problems;



- solve problems and draw conclusions based on scientific information and models, using critical thinking and qualitative and quantitative analysis of data and concepts;
- and explain the scope and limitations of scientific inquiry and the scientific method.

Courses with an asterisk (\*) can meet one or more GE requirement. Click on the course for more information.

Students must complete three courses from the following list:

## II. Science and Technology

### Biological Sciences (BIO SCI)

BIO SCI 1A  
 BIO SCI 9A  
 BIO SCI 9B  
 BIO SCI 9D  
 BIO SCI 9E  
 BIO SCI 9G  
 BIO SCI 9J  
 BIO SCI 9K  
 BIO SCI 10  
 BIO SCI 11  
 BIO SCI 23  
 BIO SCI 25  
 BIO SCI 35  
 BIO SCI 36  
 BIO SCI 37  
 BIO SCI 38  
 BIO SCI 41  
 BIO SCI 42  
 BIO SCI 43  
 BIO SCI 44  
 BIO SCI 45  
 BIO SCI 47  
 BIO SCI 55  
 BIO SCI 56  
 BIO SCI 75  
 BIO SCI H90  
 BIO SCI 93  
 BIO SCI H93  
 BIO SCI 94

### Chemistry (CHEM)

CHEM 1A  
 CHEM 1B  
 CHEM 1C  
 CHEM H2A  
 CHEM H2B  
 CHEM H2C  
 CHEM M3C  
 CHEM 12  
 CHEM H90

### Computer Science and Engineering (CSE)

CSE 21  
 CSE 22  
 CSE 41  
 CSE 42

Life Sciences  
 Nutrition Science  
 Biology and Chemistry of Food and Cooking  
 Diseases of the Twenty-First Century  
 Horticulture Science  
 Way Your Body Works  
 Biology of Oriental Medicine  
 Global-Change Biology  
 The Biology of Human Diseases  
 Topics in Biological Sciences  
 Sustainable Landscaping: Design and Practices  
 Biology of Cancer  
 The Brain and Behavior  
 Drugs and the Brain  
 Brain Dysfunction and Repair  
 Mind, Memory, Amnesia, and the Brain  
 Aspects of Mood Disorder  
 Origin of Life  
 Media on the Mind  
 Stem Cells and Brain Repair  
 AIDS Fundamentals  
 Stress  
 Introduction to Ecology  
 Life Sciencing from Aristotle to Venter  
 Human Development: Conception to Birth  
 The Idiom and Practice of Science  
 From DNA to Organisms  
 Honors From DNA to Organisms  
 From Organisms to Ecosystems

General Chemistry\*  
 General Chemistry\*  
 General Chemistry\*  
 Honors General Chemistry\*  
 Honors General Chemistry\*  
 Honors General Chemistry\*  
 Majors Quantitative Analytical Chemistry\*  
 Chemistry Around Us\*  
 The Idiom and Practice of Science\*

Introduction to Computer Science I\*  
 Introduction to Computer Science II\*  
 Introduction to Programming\*  
 Programming with Software Libraries\*

CSE 43

**Dance (DANCE)**

DANCE 3

DANCE 4

**Earth System Science (EARTHSS)**

EARTHSS 1

EARTHSS 3

EARTHSS 5

EARTHSS 7

EARTHSS 13

EARTHSS 15

EARTHSS 17

EARTHSS 19

EARTHSS 21

EARTHSS 23

EARTHSS 27

EARTHSS H90

**Economics (ECON)**

ECON 11

**Engineering (ENGR)**

ENGR 1A

**History (HISTORY)**

HISTORY 60

**Information and Computer Science (I&C SCI)**

I&C SCI 4

I&C SCI 5

I&C SCI 6N

I&C SCI 8

I&C SCI 10

I&C SCI 11

I&C SCI 21

I&C SCI H21

I&C SCI 22

I&C SCI H22

I&C SCI 31

I&C SCI 32

I&C SCI 33

I&C SCI 51

I&C SCI 61

**Informatics (IN4MATX)**

IN4MATX 12

IN4MATX 41

IN4MATX 42

**Logic and Philosophy of Science (LPS)**

LPS 29

LPS 31

LPS 40

LPS H80

LPS H81

LPS H91

**Mathematics (MATH)**

MATH 9

Intermediate Programming\*

Scientific Concepts of Health

Introduction to Quantitative Research in Exercise Science

Introduction to Earth System Science\*

Oceanography\*

The Atmosphere\*

Physical Geology\*

Global-Change Biology

Introduction to Global Climate Change\*

Hurricanes, Tsunamis, and Other Catastrophes\*

Introduction to Modeling the Earth System\*

On Thin Ice: Climate Change and the Cryosphere\*

Air Pollution: From Urban Smog to Global Change\*

The Sustainable Ocean\*

The Idiom and Practice of Science\*

The Internet and Public Policy\*

General Chemistry for Engineers

The Making of Modern Science

Human Factors for the Web

Global Disruption and Information Technology

Computational Linear Algebra\*

Practical Computer Security

How Computers Work

The Internet and Public Policy\*

Introduction to Computer Science I\*

Honors Introduction to Computer Science I\*

Introduction to Computer Science II\*

Honors Introduction to Computer Science II\*

Introduction to Programming\*

Programming with Software Libraries\*

Intermediate Programming\*

Introductory Computer Organization

Game Systems and Design

Barter to Bitcoin: Society, Technology and the Future of Money\*

Informatics Core Course I\*

Informatics Core Course II\*

Critical Reasoning\*

Introduction to Inductive Logic\*

The Nature of Scientific Inquiry

Scientific Realism and Instrumentalism

What is Space?

The Philosophy and Biology of Sex\*

Introduction to Programming for Numerical Analysis\*

**Medical Humanities (MED HUM)**

MED HUM 3

Art and Medicine \*

**Philosophy (PHILOS)**

PHILOS 29

Critical Reasoning \*

PHILOS 31

Introduction to Inductive Logic \*

**Physics (PHYSICS)**

PHYSICS 3A

Basic Physics I \*

PHYSICS 3B

Basic Physics II \*

PHYSICS 3C

Basic Physics III \*

PHYSICS 7C

Classical Physics \*

PHYSICS 7D

Classical Physics \*

PHYSICS 7E

Classical Physics \*

PHYSICS 12

Science Fiction and Science Fact \*

PHYSICS 14

Energy and the Environment \*

PHYSICS 15

Physics of Music

PHYSICS 17

Physics of Athletics

PHYSICS 18

How Things Work

PHYSICS 20A

Introduction to Astronomy \*

PHYSICS 20B

Cosmology: Humanity's Place in the Universe \*

PHYSICS 20C

Observational Astronomy \*

PHYSICS 20D

Space Science \*

PHYSICS 20E

Life in the Universe \*

PHYSICS 21

Special Topics in Physics

PHYSICS H80

Impact of World War I on Science

PHYSICS H90

The Idiom and Practice of Science \*

**Public Health (PUBHLTH)**

PUBHLTH 30

Human Environments

PUBHLTH 60

Environmental Quality and Health

PUBHLTH 80

AIDS Fundamentals

PUBHLTH 90

Natural Disasters

**Social Science (SOC SCI)**

SOC SCI 11A

Barter to Bitcoin: Society, Technology and the Future of Money \*

**University Studies (UNI STU)**

UNI STU 13A

Introduction to Global Sustainability I

UNI STU 13B

Introduction to Global Sustainability II

UNI STU 17C

Water III \*

**III. Social and Behavioral Sciences**

Courses will focus on principles, sources, and interpretations of human behavior and on how people organize, govern, understand, and explain social life. This category includes the analysis of human behavior at all levels, from the individual to collective social, economic, and political life, and on the scientific methods used in the acquisition of knowledge and the testing of competing theories.

After completing this GE requirement, successful students should be able to do the following:

- demonstrate knowledge and understanding of principles, sources, and interpretations of human behavior and how people organize, govern, understand, and explain social life;
- demonstrate an understanding of contemporary and historical perspectives on human behavior;
- understand and explain the scientific methods used in the acquisition of knowledge and the testing of competing theories in the social and behavioral sciences;
- and critically evaluate methods, findings, and conclusions in the research literature on human behavior.

Courses with an asterisk (\*) can meet one or more GE requirement. Click on the course for more information.

Students must complete three courses from the following list:

### III. Social and Behavioral Sciences

#### African American Studies (AFAM)

AFAM 40A  
AFAM 40B  
AFAM 40C

African American Studies I<sup>\*</sup>  
African American Studies II<sup>\*</sup>  
African American Studies III<sup>\*</sup>

#### Anthropology (ANTHRO)

ANTHRO 2A  
ANTHRO 2B  
ANTHRO 2C  
ANTHRO 2D  
ANTHRO 41A  
ANTHRO 125C

Introduction to Sociocultural Anthropology<sup>\*</sup>  
Introduction to Biological Anthropology  
Introduction to Archaeology  
Introduction to Language and Culture  
Global Cultures and Society<sup>\*</sup>  
Environmental Anthropology

#### Art (ART)

ART 12C

Intelligences of Arts

#### Asian American Studies (ASIANAM)

ASIANAM 50  
ASIANAM 51  
ASIANAM 52  
ASIANAM 53

Asian American Histories<sup>\*</sup>  
The U.S. and Asia<sup>\*</sup>  
Asian American Communities<sup>\*</sup>  
Asian Americans and Comparative Race Relations<sup>\*</sup>

#### Chicano/Latino Studies (CHC/LAT)

CHC/LAT 61  
CHC/LAT 62  
CHC/LAT 63  
CHC/LAT 64  
CHC/LAT 66  
CHC/LAT H80

Introduction to Chicano/Latino Studies I<sup>\*</sup>  
Introduction to Chicano/Latino Studies II<sup>\*</sup>  
Introduction to Chicano/Latino Studies III<sup>\*</sup>  
Introduction to Race and Ethnicity in Political Science<sup>\*</sup>  
Anthropology of Food<sup>\*</sup>  
Latina/o Childhoods: Comparative Approaches to the Study of Children and Youth

#### Criminology, Law and Society (CRM/LAW)

CRM/LAW C7  
CRM/LAW C10  
CRM/LAW C40

Introduction to Criminology, Law and Society  
Fundamentals of Criminology, Law and Society  
Forms of Criminal Behavior

#### Economics (ECON)

ECON 1  
ECON 11  
ECON 13  
ECON 17  
ECON 20A  
ECON 20B  
ECON 23

Introduction to Economics  
The Internet and Public Policy<sup>\*</sup>  
Global Economy<sup>\*</sup>  
An Economic Approach to Religion  
Basic Economics I  
Basic Economics II  
Basic Economics for Engineers

#### Education (EDUC)

EDUC 10  
EDUC 30  
EDUC 40  
EDUC 55

Educational Research Design  
21st Century Literacies  
Theories of Development and Learning Applied to Education  
Knowing and Learning in Mathematics and Science

#### English (ENGLISH)

ENGLISH 11

Society, Law, and Literature<sup>\*</sup>

#### Civil and Environmental Engineering (ENGRCEE)

ENGRCEE 60

Contemporary and Emerging Environmental Challenges

#### European Studies (EURO ST)

EURO ST 10  
EURO ST 11

Historical Foundations<sup>\*</sup>  
Contemporary Issues and Institutions<sup>\*</sup>

#### Gender and Sexuality Studies (GEN&SEX)

GEN&SEX 60A	Gender and Science
GEN&SEX 60B	Gender and Law
GEN&SEX 60C	Gender and Religion*
<b>Global Middle East Studies (GLBL ME)</b>	
GLBL ME 60B	Social Sciences: Problems and Methods for Global Middle East Studies*
GLBL ME 60C	Social Ecology and Sciences: Problems and Methods for Global Middle East Studies
<b>History (HISTORY)</b>	
HISTORY 11	Genocide and Crimes Against Humanity Since WWII*
HISTORY 15C	Asian American Histories*
HISTORY 15F	What to Eat? Immigrants and the Development of American Cuisines*
<b>Humanities (HUMAN)</b>	
HUMAN 55	What is the Origin of Language?*
HUMAN H81	The Vietnam War*
HUMAN H82	Sanctuary: Medieval and Modern*
<b>Information and Computer Science (I&amp;C SCI)</b>	
I&C SCI 3	Internet Technologies and their Social Impact
I&C SCI 11	The Internet and Public Policy*
I&C SCI 60	Computer Games and Society
<b>Informatics (IN4MATX)</b>	
IN4MATX 12	Barter to Bitcoin: Society, Technology and the Future of Money*
<b>International Studies (INTL ST)</b>	
INTL ST 11	Global Cultures and Society*
INTL ST 13	Global Economy*
INTL ST 14	Introduction to International Relations*
<b>Linguistics (LINGUIS)</b>	
LINGUIS 3	Introduction to Linguistics*
LINGUIS 10	Introduction to Phonology*
LINGUIS 20	Introduction to Syntax*
LINGUIS 51	Acquisition of Language
LINGUIS 68	Introduction to Language and Culture
<b>Logic and Philosophy of Science (LPS)</b>	
LPS H91	The Philosophy and Biology of Sex*
LPS H95	Jurisprudence and Constitutional Law
LPS H125	What Is Time?
<b>Medical Humanities (MED HUM)</b>	
MED HUM 1	Health, Wellness, and Conception of the Body*
<b>Management (MGMT)</b>	
MGMT 4A	Basic Economics for Managers I
MGMT 4B	Basic Economics for Managers II
<b>Philosophy (PHILOS)</b>	
PHILOS 22	Introduction to Law and Society
<b>Political Science (POL SCI)</b>	
POL SCI 6A	Introduction to Political Science: Political Analysis*
POL SCI 6B	Introduction to Political Science: Macropolitics
POL SCI 6C	Introduction to Political Science: Micropolitics
POL SCI 21A	Introduction to American Government
POL SCI 31A	Introduction to Political Theory
POL SCI 41A	Introduction to International Relations*
POL SCI 51A	Introduction to Politics Around the World*
POL SCI 61A	Introduction to Race and Ethnicity in Political Science*
POL SCI 71A	Introduction to Law

POL SCI H80

**Planning, Policy, and Design (PP&D)**

PP&D 4

PP&D 142

PP&D 166

**Psychology and Social Behavior (PSY BEH)**

PSY BEH 9

PSY BEH 11A

PSY BEH 11B

PSY BEH 11C

**Psychology (PSYCH)**

PSYCH 7A

PSYCH 9A

PSYCH 9B

PSYCH 9C

PSYCH 21A

PSYCH 46A

PSYCH 56L

PSYCH 78A

**Public Health (PUBHLTH)**

PUBHLTH 1

**Religious Studies (REL STD)**

REL STD 17

REL STD 60

**Social Science (SOC SCI)**

SOC SCI 1A

SOC SCI H1E

SOC SCI H1F

SOC SCI H1G

SOC SCI 2A

SOC SCI 5A

SOC SCI 5D

SOC SCI 11A

SOC SCI 40

SOC SCI 70C

SOC SCI 78A

SOC SCI 78B

SOC SCI 78C

**Social Ecology (SOCECOL)**

SOCECOL E8

SOCECOL H20A

SOCECOL H20B

SOCECOL H20C

**Sociology (SOCIOL)**

SOCIOL 1

SOCIOL 2

SOCIOL 3

SOCIOL 31

SOCIOL 62

**Social Policy and Public Service (SPPS)**

SPPS 40

**University Studies (UNI STU)**

Globalization and Human Security\*

Introduction to Urban Studies

Environmental Hazards in an Urbanizing World

Urban Public Policy

Introduction to Psychology

Psychology Fundamentals

Psychology Fundamentals

Psychology Fundamentals

Introduction to Psychology

Psychology Fundamentals

Psychology Fundamentals

Psychology Fundamentals

Adolescent Psychology

Introduction to Human Memory

Acquisition of Language

Self-Identity and Society

Principles of Public Health

An Economic Approach to Religion

Gender and Religion\*

Principles in the Social Sciences

Honors: Critical Issues on the Social Sciences

Honors: Critical Issues on the Social Sciences

Honors: Critical Issues on the Social Sciences

Introduction to Social Science Analysis

Introduction to Human Geography

US & World Geography\*

Barter to Bitcoin: Society, Technology and the Future of Money\*

Social Policy and Public Service

Comparing Cultures\*

Asian American Histories\*

Asian American Communities\*

Asian Americans and Comparative Race Relations\*

Introduction to Environmental Analysis and Design

Honors: Critical Issues on the Social Sciences

Honors: Critical Issues on the Social Sciences

Honors: Critical Issues on the Social Sciences

Introduction to Sociology\*

Globalization and Transnational Sociology\*

Social Problems\*

Self-Identity and Society

Families and Intimate Relations

Social Policy and Public Service

UNI STU 13C	Introduction to Global Sustainability III
UNI STU 15C	Consciousness III*
UNI STU 16C	How Race Is Made III*
UNI STU 17C	Water III*

## IV. Arts and Humanities

Study of the Arts and Humanities expands the student's sense of diverse forms of cultural expression, past and present. Students develop their critical capacity as they discover how meaning is created and experience variously interpreted.

After completing this GE requirement, successful students should be able to do the following:

- demonstrate knowledge and understanding of how visual and verbal communication is used in literature and film, art and music, and philosophy and history;
- communicate an understanding and appreciation of diverse forms of cultural expression, past and present;
- understand and explain the research methods used in the acquisition of knowledge and the testing of competing theories in the arts and humanities;
- and think critically about how meaning is created and how experience is variously interpreted.

Courses with an asterisk (\*) can meet one or more GE requirement. Click on the course for more information.

Students must complete three courses from the following list:

## IV. Arts and Humanities

### African American Studies (AFAM)

AFAM 40A	African American Studies I*
AFAM 40B	African American Studies II*
AFAM 40C	African American Studies III*

### Arabic (ARABIC)

ARABIC 51	Introduction to the Koran*
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### Art (ART)

ART 1A	Art in Context: History, Theory, and Practice
ART 1B	Art in Context: History, Theory, and Practice
ART 1C	Art in Context: History, Theory, and Practice
ART 9A	Visual Culture: Media, Art, and Technology
ART 9B	Visual Culture: A Culture Divided
ART 9C	Visual Culture: Thematic Investigations
ART 12A	Art, Design, and Electronic Culture
ART 12B	Art, Science and Society: Steam to Steampunk

### Art History (ART HIS)

ART HIS 40A	Ancient Egyptian, Greek, and Roman Art and Architecture*
ART HIS 40B	Arts of Europe: Medieval and Renaissance*
ART HIS 40C	Early Modern and Modern Art in Europe and America*
ART HIS 42A	History of Asian Art: Arts of India*
ART HIS 42B	History of Asian Art: Arts of China*
ART HIS 42C	History of Asian Art: Arts of Japan*
ART HIS 42D	History of Asian Art: Arts of Islam*
ART HIS 44	Image Collision: A Multicultural Approach to Images and Their Users*

### Arts (ARTS)

ARTS 1	ArtsCore
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### Asian American Studies (ASIANAM)

ASIANAM 50	Asian American Histories*
ASIANAM 51	The U.S. and Asia*
ASIANAM 54	Asian American Stories*
ASIANAM 55	Asian Americans and the Media*

### Classics (CLASSIC)

CLASSIC 36A	The Formation of Ancient Greek Society: Early Greece
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CLASSIC 36B	The Formation of Ancient Greek Society: Late Archaic and Classical Greece
CLASSIC 36C	The Formation of Ancient Greek Society: Fourth-Century and Hellenistic Greece
CLASSIC 37A	The Formation of Ancient Roman Society: Origins to Roman Republic
CLASSIC 37B	The Formation of Ancient Roman Society: Roman Empire
CLASSIC 37C	The Formation of Ancient Roman Society: The Fall of Rome
CLASSIC 45A	Classical Mythology: The Gods
CLASSIC 45B	Classical Mythology: The Heroes
CLASSIC 45C	Classical Mythology: Ancient and Modern Perspectives of Classical Mythology
<b>Comparative Literature (COM LIT)</b>	
COM LIT 8	Travels in Comparative Literature
COM LIT 9	Introduction to Multiculturalism*
COM LIT 10	Topics in World Literature*
COM LIT 60A	World Literature*
COM LIT 60B	Reading with Theory*
COM LIT 60C	Cultural Studies*
<b>Dance (DANCE)</b>	
DANCE 80	Introduction to Ballet and Modern Dance*
DANCE 81	American Ballet and Modern Dance since 1900
DANCE 83	Dance in Feature Film
DANCE 85	Gender, Meaning, and Culture in Ballet
DANCE 90A	Dance History 1A*
DANCE 90B	Dance History 1B*
DANCE 90C	Dance History 1C*
<b>Drama (DRAMA)</b>	
DRAMA 10	Introduction to Theatre
DRAMA 11	The Rock and Roll Spectacle Show
DRAMA 15	Performance Now
DRAMA 16	Performing Culture
DRAMA 20A	Culture in Performance
DRAMA 20B	Culture in Performance
DRAMA 20C	Culture in Performance
DRAMA 40A	Development of Drama*
DRAMA 40B	Development of Drama*
DRAMA 40C	Development of Drama*
<b>East Asian Languages and Literatures (E ASIAN)</b>	
E ASIAN 1A	Introduction to Classical Chinese Literature*
E ASIAN 40	Topics in East Asian Popular Culture*
E ASIAN 55	Introduction to East Asian Cultures*
<b>English (ENGLISH)</b>	
ENGLISH 8	Multicultural American Literature*
ENGLISH 10	Topics in English and American Literature
ENGLISH 11	Society, Law, and Literature*
ENGLISH 12	Young Adult Fiction
ENGLISH 28A	The Poetic Imagination
ENGLISH 28B	Comic and Tragic Vision
ENGLISH 28C	Realism and Romance
ENGLISH 28D	The Craft of Poetry
ENGLISH 28E	The Craft of Fiction
<b>European Studies (EURO ST)</b>	
EURO ST 10	Historical Foundations*



EURO ST 11

**Film and Media Studies (FLM&MDA)**

FLM&MDA 85A

FLM&MDA 85B

FLM&MDA 85C

**French (FRENCH)**

FRENCH 50

**Gender and Sexuality Studies (GEN&SEX)**

GEN&SEX 20

GEN&SEX 50A

GEN&SEX 50B

GEN&SEX 50C

**German (GERMAN)**

GERMAN 50

**Global Middle East Studies (GLBL ME)**

GLBL ME 60A

**Hebrew (HEBREW)**

HEBREW 50

**History (HISTORY)**

HISTORY 10

HISTORY 12

HISTORY 15A

HISTORY 15C

HISTORY 15D

HISTORY 15E

HISTORY 15F

HISTORY 16A

HISTORY 16B

HISTORY 16C

HISTORY 18A

HISTORY 21A

HISTORY 21B

HISTORY 21C

HISTORY 36A

HISTORY 36B

HISTORY 36C

HISTORY 37A

HISTORY 37B

HISTORY 37C

HISTORY 40A

HISTORY 40B

HISTORY 40C

HISTORY 50

HISTORY 60

HISTORY 70A

HISTORY 70B

HISTORY 70C

HISTORY 70D

HISTORY 70E

HISTORY 70F

Contemporary Issues and Institutions\*

Introduction to Film and Visual Analysis

Broadcast Media History and Analysis

New Media and Digital Technologies

French Culture and the Modern World\*

Queer Studies\*

Gender and Feminism in Everyday Life\*

Gender and Power\*

Gender and Popular Culture\*

Science, Society, and Mind\*

Humanities and Arts: Problems and Methods for Global Middle East Studies\*

Jewish and Israeli Culture\*

The Holocaust\*

Introductory Topics in History

Native American History\*

Asian American Histories\*

History of Sexuality in the US\*

Memory and Migration: American Families on the Move\*

What to Eat? Immigrants and the Development of American Cuisines\*

World Religions I\*

World Religions II\*

Religious Dialogue\*

Introduction to Jewish Cultures\*

World: Innovations\*

World: Empires and Revolutions\*

World: Wars and Rights\*

The Formation of Ancient Greek Society: Early Greece

The Formation of Ancient Greek Society: Late Archaic and Classical Greece

The Formation of Ancient Greek Society: Fourth-Century and Hellenistic Greece

The Formation of Ancient Roman Society: Origins to Roman Republic

The Formation of Ancient Roman Society: Roman Empire

The Formation of Ancient Roman Society: The Fall of Rome

Colonial America: New Worlds

Nineteenth-Century U.S.: Crisis and Expansion

Modern America: Culture and Power

Crises and Revolutions\*

The Making of Modern Science

Problems in History: Asia\*

Problems in History: Europe\*

Problems in History: United States

Problems in History: Latin America\*

Problems in History: Middle East and Africa\*

Problems in History: Transregional History\*

**Humanities (HUMAN)**

HUMAN 1A  
 HUMAN 1B  
 HUMAN 1C  
 HUMAN 10  
 HUMAN 55  
 HUMAN H80  
 HUMAN H81  
 HUMAN H82

Humanities Core Lecture  
 Humanities Core Lecture  
 Humanities Core Lecture\*  
 Masterpieces of Literature\*  
 What is the Origin of Language?  
 Exploring Memory  
 The Vietnam War\*  
 Sanctuary: Medieval and Modern\*

**Literary Journalism (LIT JRN)**

LIT JRN 20

Introduction to Literary Journalism

**Logic and Philosophy of Science (LPS)**

LPS 60

The Making of Modern Science

**Medical Humanities (MED HUM)**

MED HUM 1  
 MED HUM 3

Health, Wellness, and Conception of the Body\*  
 Art and Medicine\*

**Music (MUSIC)**

MUSIC 3  
 MUSIC 4  
 MUSIC 8  
 MUSIC 9  
 MUSIC 14A  
 MUSIC 14B  
 MUSIC 14C  
 MUSIC 40B  
 MUSIC 40C  
 MUSIC 40D  
 MUSIC 42  
 MUSIC 44  
 MUSIC 45  
 MUSIC 51  
 MUSIC 78

Introduction to Music  
 Introduction to Opera  
 The Beatles and the Sixties  
 Rock: The Early Years  
 European and American Music 1700 - Twentieth Century  
 European and American Music 1700 - Twentieth Century  
 European and American Music 1700 - Twentieth Century  
 History of European Music: From the Renaissance through the Baroque\*  
 History of European Music: Hasse to Mahler\*  
 20th Century Music\*  
 Music and Gender\*  
 Classical Music in Society\*  
 History of Film Music  
 Music Technology and Computers  
 History of Jazz\*

**Persian (PERSIAN)**

PERSIAN 50

Persian Culture\*

**Philosophy (PHILOS)**

PHILOS 1  
 PHILOS 2  
 PHILOS 4  
 PHILOS 5  
 PHILOS 6  
 PHILOS 7  
 PHILOS 10  
 PHILOS 11  
 PHILOS 12  
 PHILOS 13

Introduction to Philosophy  
 Puzzles and Paradoxes\*  
 Introduction to Ethics  
 Contemporary Moral Problems  
 Philosophy and Psychoanalysis  
 Introduction to Existentialism  
 History of Ancient Philosophy  
 History of Medieval Philosophy  
 History of Modern Philosophy  
 History of Contemporary Philosophy

**Religious Studies (REL STD)**

REL STD 5A  
 REL STD 5B  
 REL STD 5C  
 REL STD 90

World Religions I\*  
 World Religions II\*  
 Religious Dialogue\*  
 Aspects of Religion

**Russian (RUSSIAN)**

RUSSIAN 50

Russian Culture\*

**Social Science (SOC SCI)**

SOC SCI 78A

Asian American Histories\*

**Spanish (SPANISH)**

SPANISH 50

Latin America, U.S. Latino, and Iberian Cultures\*

**University Studies (UNI STU)**

UNI STU 15B

Consciousness II

UNI STU 15C

Consciousness III\*

UNI STU 16B

How Race Is Made II

UNI STU 16C

How Race Is Made III\*

UNI STU 17C

Water III\*

**Vietnamese (VIETMSE)**

VIETMSE 50

Vietnamese Culture

**V. Quantitative, Symbolic, and Computational Reasoning**

This category consists of two subcategories. Students are required to take one course in each of the subcategories and an additional course from either subcategory, for a total of three courses. A course approved for the GE requirement in category V and also approved for the GE requirement in a category other than V may be used to satisfy the requirements of both categories simultaneously. However, courses approved for both subcategories in category V may only be used once to satisfy one of the subcategories. The two subcategories are indicated as **Va** and **Vb**.

**Va. Quantitative Literacy**

Courses in this category focus on the quantitative description, evaluation, and assessment of events occurring in nature or in human social and political systems. This includes quantitative measurements made or data collected to study such events, analysis of the data, and implications of the analysis for our understanding of the events.

After taking a course in category Va, successful students will be able to do all of the following:

- identify appropriate tools for quantitative analysis of processes or events;
- have a basic familiarity with fundamental principles underlying quantitative descriptions of natural or social processes;
- and be able to do one or more of the following:
  - evaluate studies and reports that assess risk and probability in everyday life;
  - use models of natural phenomena to make quantitative predictions of future behavior or events;
  - use models of economic and social structures to make quantitative predictions of future behavior or events.

Courses with an asterisk (\*) can meet one or more GE requirement. Click on the course for more information.

**Va. Quantitative Literacy****Anthropology (ANTHRO)**

ANTHRO 10A

Probability and Statistics

ANTHRO 10B

Probability and Statistics

**Chemistry (CHEM)**

CHEM 1A

General Chemistry\*

CHEM 1B

General Chemistry\*

CHEM 1C

General Chemistry\*

CHEM H2A

Honors General Chemistry\*

CHEM H2B

Honors General Chemistry\*

CHEM H2C

Honors General Chemistry\*

CHEM M3C

Majors Quantitative Analytical Chemistry\*

CHEM 12

Chemistry Around Us\*

CHEM H90

The Idiom and Practice of Science\*

**Computer Science and Engineering (CSE)**

CSE 42

Programming with Software Libraries\*

**Earth System Science (EARTHSS)**

EARTHSS 1

Introduction to Earth System Science\*

EARTHSS 3

Oceanography\*

EARTHSS 5

The Atmosphere\*

EARTHSS 7	Physical Geology*
EARTHSS 15	Introduction to Global Climate Change*
EARTHSS 17	Hurricanes, Tsunamis, and Other Catastrophes*
EARTHSS 21	On Thin Ice: Climate Change and the Cryosphere*
EARTHSS 23	Air Pollution: From Urban Smog to Global Change*
EARTHSS H90	The Idiom and Practice of Science*
<b>Economics (ECON)</b>	
ECON 15A	Probability and Statistics in Economics I
ECON 15B	Probability and Statistics in Economics II
<b>Education (EDUC)</b>	
EDUC 15	Statistics for Education Research
<b>Information and Computer Science (I&amp;C SCI)</b>	
I&C SCI 7	Introducing Modern Computational Tools
I&C SCI 32	Programming with Software Libraries*
<b>Logic and Philosophy of Science (LPS)</b>	
LPS 31	Introduction to Inductive Logic*
<b>Management (MGMT)</b>	
MGMT 7	Statistics for Business Decision Making
<b>Philosophy (PHILOS)</b>	
PHILOS 31	Introduction to Inductive Logic*
<b>Physics (PHYSICS)</b>	
PHYSICS 3A	Basic Physics I*
PHYSICS 3B	Basic Physics II*
PHYSICS 3C	Basic Physics III*
PHYSICS 7C	Classical Physics*
PHYSICS 7D	Classical Physics*
PHYSICS 7E	Classical Physics*
PHYSICS 12	Science Fiction and Science Fact*
PHYSICS 14	Energy and the Environment*
PHYSICS 20A	Introduction to Astronomy*
PHYSICS 20B	Cosmology: Humanity's Place in the Universe*
PHYSICS 20C	Observational Astronomy*
PHYSICS 20D	Space Science*
PHYSICS 20E	Life in the Universe*
PHYSICS H90	The Idiom and Practice of Science*
<b>Political Science (POL SCI)</b>	
POL SCI 10A	Probability and Statistics in Political Science I
POL SCI 10B	Probability and Statistics in Political Science II
<b>Psychology (PSYCH)</b>	
PSYCH 10A	Probability and Statistics in Psychology I
PSYCH 10B	Probability and Statistics in Psychology II
<b>Public Health (PUBHLTH)</b>	
PUBHLTH 7	Introduction to Public Health Statistics
<b>Social Science (SOC SCI)</b>	
SOC SCI 9A	General Statistics and Probability I
SOC SCI 9B	General Statistics and Probability II
SOC SCI 10A	Probability and Statistics in Social Sciences I
SOC SCI 10B	Probability & Statistics in Social Sciences II
<b>Social Ecology (SOCECOL)</b>	
SOCECOL 13	Statistical Analysis in Social Ecology
<b>Sociology (SOCIOL)</b>	
SOCIOL 10A	Probability and Statistics

SOCIOL 10B	Probability and Statistics
<b>Statistics (STATS)</b>	
STATS 7	Basic Statistics
STATS 8	Introduction to Biological Statistics
STATS 67	Introduction to Probability and Statistics for Computer Science

### Vb. Formal Reasoning

Courses in this category focus on aspects of formal reasoning including symbolic logic, mathematical modeling, and algorithmic reasoning.

After taking a course in category Vb, successful students will be able to do all of the following:

- understand the concept and purpose of formal languages such as propositional and first-order logic, simple programming languages, mathematical models or linguistic formalisms;
- possess an elementary grasp of the power and limits of formal methods; and be able to do one or both of the following:
  - apply formal tools of logic or mathematics to the analysis and evaluation of everyday and/or scientific arguments, texts, and communicative situations;
  - apply basic algorithms for the generation of logical deductions, linguistic structures, or computational processes.

Courses with an asterisk (\*) can meet one or more GE requirement. Click on the course for more information.

### Vb. Formal Reasoning

#### Anthropology (ANTHRO)

ANTHRO 10C Probability and Statistics

#### Computer Science and Engineering (CSE)

CSE 21 Introduction to Computer Science I \*

CSE 22 Introduction to Computer Science II \*

CSE 41 Introduction to Programming \*

CSE 42 Programming with Software Libraries \*

CSE 43 Intermediate Programming \*

CSE 46 Data Structure Implementation and Analysis

#### Earth System Science (EARTHSS)

EARTHSS 19 Introduction to Modeling the Earth System \*

#### Humanities (HUMAN)

HUMAN 55 What is the Origin of Language? \*

#### Information and Computer Science (I&C SCI)

I&C SCI 6B Boolean Algebra and Logic

I&C SCI 6D Discrete Mathematics for Computer Science

I&C SCI 6N Computational Linear Algebra \*

I&C SCI 21 Introduction to Computer Science I \*

I&C SCI H21 Honors Introduction to Computer Science I \*

I&C SCI 22 Introduction to Computer Science II \*

I&C SCI H22 Honors Introduction to Computer Science II \*

I&C SCI H23 Honors Introduction to Computer Science III

I&C SCI 31 Introduction to Programming \*

I&C SCI 32 Programming with Software Libraries \*

I&C SCI 33 Intermediate Programming \*

I&C SCI 46 Data Structure Implementation and Analysis

#### Informatics (IN4MATX)

IN4MATX 41 Informatics Core Course I \*

IN4MATX 42 Informatics Core Course II \*

IN4MATX 45 Patterns of Software Construction

#### Linguistics (LINGUIS)

LINGUIS 3 Introduction to Linguistics \*

LINGUIS 10 Introduction to Phonology \*

LINGUIS 20 Introduction to Syntax \*

LINGUIS 43	Introduction to Symbolic Logic
<b>Logic and Philosophy of Science (LPS)</b>	
LPS 29	Critical Reasoning*
LPS 30	Introduction to Symbolic Logic
<b>Mathematics (MATH)</b>	
MATH 2A	Single-Variable Calculus
MATH 2B	Single-Variable Calculus
MATH 2D	Multivariable Calculus
MATH 3A	Introduction to Linear Algebra
MATH 4	Mathematics for Economists
MATH 5A	Calculus for Life Sciences
MATH 5B	Calculus for Life Sciences
MATH 9	Introduction to Programming for Numerical Analysis*
<b>Philosophy (PHILOS)</b>	
PHILOS 2	Puzzles and Paradoxes*
PHILOS 29	Critical Reasoning*
PHILOS 30	Introduction to Symbolic Logic
<b>Political Science (POL SCI)</b>	
POL SCI 10C	Probability and Statistics in Political Science III
<b>Psychology (PSYCH)</b>	
PSYCH 10C	Probability and Statistics in Psychology III
<b>Social Science (SOC SCI)</b>	
SOC SCI 9C	General Statistics and Probability III
SOC SCI 10C	Probability & Statistics in Social Sciences III
<b>Sociology (SOCIOL)</b>	
SOCIOL 10C	Probability and Statistics

## VI. Language Other Than English

Study of a language other than English expands students' horizons by encouraging understanding of another culture through its language and heightens awareness of one's own language through the investigation of another linguistic system.

After completing this GE requirement, successful students should be able to do the following:

- demonstrate competency in reading, writing, speaking, and listening in a non-English language;
- demonstrate an understanding of another (non-English speaking) culture through its language;
- and demonstrate an understanding of one's own language through the investigation of another, non-English linguistic system.

Students must demonstrate competency in a language other than English (includes American Sign Language) by completing one of the following six options:

- College-level course work equivalent to UCI's third quarter of study in a language other than English. UCI courses approved to satisfy this requirement are:

Courses with an asterisk (\*) can meet one or more GE requirement. Click on the course for more information.

## VI. Language Other Than English

### Arabic (ARABIC)

ARABIC 1C	Fundamentals of Arabic
ARABIC S1BC	Introductory Arabic

### Chinese (CHINESE)

CHINESE 1C	Fundamental Mandarin Chinese
CHINESE 1DC	Fundamentals of Mandarin Chinese - Dialect Background Track
CHINESE 1MC	Fundamentals of Mandarin Chinese - Mandarin Background Track
CHINESE S1BC	Fundamentals of Mandarin Chinese

### French (FRENCH)

FRENCH 1BC	Intensive Fundamentals of French
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FRENCH 1C	Fundamentals of French
FRENCH S1BC	Fundamentals of French
<b>German (GERMAN)</b>	
GERMAN 1BC	Intensive German Fundamentals
GERMAN 1C	Fundamentals of German
GERMAN S1BC	Fundamentals of German
<b>Greek (GREEK)</b>	
GREEK 1C	Fundamentals of Greek
GREEK S1BC	Fundamentals of Greek
<b>Hebrew (HEBREW)</b>	
HEBREW 1C	Fundamentals of Hebrew
<b>Italian (ITALIAN)</b>	
ITALIAN 1BC	Intensive Italian Fundamentals
ITALIAN 1C	Fundamentals of Italian
ITALIAN S1BC	Italian Fundamentals
<b>Japanese (JAPANESE)</b>	
JAPANESE 1C	Fundamental Japanese
JAPANESE S1BC	Fundamentals of Japanese
<b>Korean (KOREAN)</b>	
KOREAN 1C	Fundamental Korean
KOREAN 1KC	Fundamental Korean for Students with a Previous Background in Korean
KOREAN S1BC	Fundamentals of Korean
<b>Latin (LATIN)</b>	
LATIN 1C	Fundamentals of Latin
LATIN S1BC	Fundamentals of Latin
<b>Persian (PERSIAN)</b>	
PERSIAN 1C	Fundamentals in Persian
PERSIAN S1BC	Fundamentals of Persian
<b>Russian (RUSSIAN)</b>	
RUSSIAN 1BC	Intensive Russian Fundamentals
RUSSIAN 1C	Fundamentals of Russian
<b>Spanish (SPANISH)</b>	
SPANISH 1C	Fundamentals of Spanish
SPANISH S1BC	Fundamentals of Spanish
<b>Vietnamese (VIETMSE)</b>	
VIETMSE 1C	Fundamentals of Vietnamese
VIETMSE S1BC	Fundamentals

For information on UCI's prerequisites, course placement policies, and the grade required to advance to the next level of instruction, consult the School of Humanities (Language Other Than English Placement and Progression) section in this Catalogue.

- Credit for three years of high school study or its equivalent in a single language other than English with a C average or better in the third year.
- A score of 3, 4, or 5 on a College Board Advanced Placement Examination in a language other than English. NOTE: Students who earn a 3, 4, or 5 on the AP Chinese Examination must take the UCI Chinese placement examination to determine course credit.
- A score of 570 or better on a College Board SAT Subject Test in a language other than English, with the exception of the test in Modern Hebrew for which a score of 500 or better is required.
- Completion of an approved course of study through the UC Education Abroad Program (EAP). Careful planning is required to ensure that this requirement is fulfilled. Check with an EAP counselor at the Study Abroad Center to determine the programs in countries that fulfill this requirement.
- The equivalent as determined by an appropriate and available means of evaluation. For information on availability of such examinations and testing schedules, consult the Academic Testing Center, 949-824-6207. If an appropriate means of evaluating competence in a non-English language of instruction does not exist, satisfactory completion, with a C average or better, of one year of formal schooling at the sixth grade level or higher in an institution where the language of instruction is not English will meet the requirement. Appropriate documentation must be presented to substantiate that the course work was completed.

## VII. Multicultural Studies

This requirement develops students' awareness and appreciation of the history, society, and/or culture of one or more underrepresented groups in California and the United States.

After completing this GE requirement, successful students should be able to do one of the following:

- demonstrate knowledge of one or more historically underrepresented groups' culture, history, and development in California and the United States;
- demonstrate an awareness and appreciation of cultural differences and inequities;
- and demonstrate an understanding that cooperation and mutual understanding among all cultural groups is needed to interact successfully in a culturally diverse society.

Students must complete one course from the following list. In fulfilling category VII, students are encouraged to use courses that are also being used in fulfillment of other GE categories. For example, HUMAN 1C simultaneously satisfies category VII and a portion of category IV.

Courses with an asterisk (\*) can meet one or more GE requirement. Click on the course for more information.

## VII. Multicultural Studies

### African American Studies (AFAM)

AFAM 40A

African American Studies I \*

AFAM 40B

African American Studies II \*

AFAM 40C

African American Studies III \*

### Anthropology (ANTHRO)

ANTHRO 85A

Cultures in Collision: Indian-White Relations Since Columbus

ANTHRO 128B

Race, Gender, and Science

ANTHRO 136K

The Woman and the Body

ANTHRO 137A

Reading Images Culturally

ANTHRO 162B

Indian North America

ANTHRO 162BW

Indian North America \*

### Art History (ART HIS)

ART HIS 44

Image Collision: A Multicultural Approach to Images and Their Users \*

### Asian American Studies (ASIANAM)

ASIANAM 50

Asian American Histories \*

ASIANAM 52

Asian American Communities \*

ASIANAM 53

Asian Americans and Comparative Race Relations \*

ASIANAM 54

Asian American Stories \*

ASIANAM 55

Asian Americans and the Media \*

ASIANAM 144

The Politics of Protest

### Chicano/Latino Studies (CHC/LAT)

CHC/LAT 61

Introduction to Chicano/Latino Studies I \*

CHC/LAT 62

Introduction to Chicano/Latino Studies II \*

CHC/LAT 63

Introduction to Chicano/Latino Studies III \*

CHC/LAT 64

Introduction to Race and Ethnicity in Political Science \*

CHC/LAT 65

Ethnic and Immigrant America

CHC/LAT 66

Anthropology of Food \*

CHC/LAT 114

Film Media and the Latino Community

CHC/LAT 116

Reading Images Culturally

CHC/LAT 142

Latinos and the Law

CHC/LAT 151

Latinos in U.S. Politics

CHC/LAT 153

Cross-Cultural Research on Urban Gangs

CHC/LAT 154

Latino Metropolis

CHC/LAT 158

Feminisms of Color

CHC/LAT 158W

Feminisms of Color \*

CHC/LAT 160

Perspectives on the U.S. - Mexican Border

CHC/LAT 163

U.S. Immigration Policy

CHC/LAT 168

Chicano/Latino Social Psychology



CHC/LAT 176  
 CHC/LAT 177  
 CHC/LAT 177W  
 CHC/LAT 178  
 CHC/LAT 183

**Comparative Literature (COM LIT)**

COM LIT 9

**Criminology, Law and Society (CRM/LAW)**

CRM/LAW C156  
 CRM/LAW C171

**Education (EDUC)**

EDUC 124  
 EDUC 143BW

**English (ENGLISH)**

ENGLISH 8

**Gender and Sexuality Studies (GEN&SEX)**

GEN&SEX 20  
 GEN&SEX 50A  
 GEN&SEX 50B  
 GEN&SEX 50C  
 GEN&SEX 188A

**History (HISTORY)**

HISTORY 15A  
 HISTORY 15C  
 HISTORY 15D  
 HISTORY 15E  
 HISTORY 15F  
 HISTORY 15G

**Humanities (HUMAN)**

HUMAN 1C

**International Studies (INTL ST)**

INTL ST 32A  
 INTL ST 177B

**Linguistics (LINGUIS)**

LINGUIS 2

**Music (MUSIC)**

MUSIC 78

**Political Science (POL SCI)**

POL SCI 32A  
 POL SCI 61A  
 POL SCI 124A  
 POL SCI 124B  
 POL SCI 126C

**Planning, Policy, and Design (PP&D)**

PP&D 172

**Psychology and Social Behavior (PSY BEH)**

PSY BEH 192Q  
 PSY BEH 192R  
 PSY BEH 192RW  
 PSY BEH 192S

**Social Science (SOC SCI)**

SOC SCI 70C

Race, Gender, and Science  
 Culture and Close Relationships  
 Culture and Close Relationships\*  
 Health and the Latino Paradox  
 Multicultural Education in K-12 Schools

Introduction to Multiculturalism\*

Cross-Cultural Research on Urban Gangs  
 Latinos and the Law

Multicultural Education in K-12 Schools  
 Classroom Interactions II\*

Multicultural American Literature\*

Queer Studies\*  
 Gender and Feminism in Everyday Life\*  
 Gender and Power\*  
 Gender and Popular Culture\*  
 Race, Gender, and Science

Native American History\*  
 Asian American Histories\*  
 History of Sexuality in the US\*  
 Memory and Migration: American Families on the Move\*  
 What to Eat? Immigrants and the Development of American Cuisines\*  
 Racial Segregation in Modern U.S.

Humanities Core Lecture\*

Dilemmas of Diversity  
 Perspectives on the U.S. - Mexican Border

Discovering Language

History of Jazz\*

Dilemmas of Diversity  
 Introduction to Race and Ethnicity in Political Science\*  
 The Politics of Protest  
 Latinos in U.S. Politics  
 U.S. Immigration Policy

Latino Metropolis

Chicano/Latino Social Psychology  
 Culture and Close Relationships  
 Culture and Close Relationships\*  
 Health and the Latino Paradox

Comparing Cultures\*

SOC SCI 78A	Asian American Histories*
SOC SCI 78B	Asian American Communities*
SOC SCI 78C	Asian Americans and Comparative Race Relations*
SOC SCI 173G	Film Media and the Latino Community
SOC SCI 173I	Perspectives on the U.S. - Mexican Border
<b>Sociology (SOCIOL)</b>	
SOCIOL 1	Introduction to Sociology*
SOCIOL 3	Social Problems*
SOCIOL 51	Asian American Family & Community
SOCIOL 63	Race and Ethnicity
SOCIOL 64	Sociology of Sexuality
SOCIOL 65	Cultures in Collision: Indian-White Relations Since Columbus
SOCIOL 68A	Ethnic and Immigrant America
<b>Spanish (SPANISH)</b>	
SPANISH 3H	Spanish for Heritage Speakers: Exploring U.S. Latino Issues
<b>Social Policy and Public Service (SPPS)</b>	
SPPS 70A	Race and Ethnicity
<b>University Studies (UNI STU)</b>	
UNI STU 16C	How Race Is Made III*

### VIII. International/Global Issues

Courses in this category focus on significant cultural, economic, geographical, historical, political, and/or sociological aspects of one or more countries other than the United States.

After completing this GE requirement, successful students should be able to do the following:

- demonstrate specific knowledge of the cultural, historical, social, economic, scientific, and political aspects of one or more foreign countries, and the connections among these aspects;
- develop a broader understanding of the formation of different cultures and countries through the world;
- and be prepared to engage in positive interaction with peoples of different cultures and nationalities.

Students must complete one course from the following list. In fulfilling category VIII, students are encouraged to use courses that are also being used in fulfillment of other GE categories. In addition, category VIII may be satisfied by one quarter's participation in the UC Education Abroad Program (EAP) or one quarter's participation in an International Opportunities Program (IOP) with an approved IOP Credit Contract. Summer study abroad on an EAP or IOP (with approved IOP Credit Contract) satisfies this requirement when the program is at least five weeks long and the student completes at least one course worth at least four quarter units.

Courses with an asterisk (\*) can meet one or more GE requirement. Click on the course for more information.

### VIII. International/Global Issues

#### Anthropology (ANTHRO)

ANTHRO 2A	Introduction to Sociocultural Anthropology*
ANTHRO 20A	People, Cultures, and Environmental Sustainability
ANTHRO 30A	Global Issues in Anthropological Perspective
ANTHRO 41A	Global Cultures and Society*
ANTHRO 125X	Transnational Migration
ANTHRO 134A	Medical Anthropology
ANTHRO 134G	HIV/AIDS in a Global Context
ANTHRO 134GW	HIV/AIDS in a Global Context*
ANTHRO 135I	Modern South Asian Religions
ANTHRO 136A	Nationalism and Ethnicity in the Contemporary World
ANTHRO 136D	Conflict Resolution in Cross-Cultural Perspective
ANTHRO 138Q	Latino Music: A View of Its Diversity and Strength
ANTHRO 162A	Peoples and Cultures of Latin America
ANTHRO 163A	Peoples of the Pacific
ANTHRO 164P	Peoples and Cultures of Post-Soviet Eurasia

**Arabic (ARABIC)**

ARABIC 2A  
 ARABIC 2B  
 ARABIC 2C  
 ARABIC 51

Intermediate Arabic Language and Culture  
 Intermediate Arabic Language and Culture  
 Intermediate Arabic Language and Culture  
 Introduction to the Koran\*

**Art History (ART HIS)**

ART HIS 40A  
 ART HIS 40B  
 ART HIS 40C  
 ART HIS 42A  
 ART HIS 42B  
 ART HIS 42C  
 ART HIS 42D

Ancient Egyptian, Greek, and Roman Art and Architecture\*  
 Arts of Europe: Medieval and Renaissance\*  
 Early Modern and Modern Art in Europe and America\*  
 History of Asian Art: Arts of India\*  
 History of Asian Art: Arts of China\*  
 History of Asian Art: Arts of Japan\*  
 History of Asian Art: Arts of Islam\*

**Asian American Studies (ASIANAM)**

ASIANAM 51

The U.S. and Asia\*

**Chicano/Latino Studies (CHC/LAT)**

CHC/LAT 115A  
 CHC/LAT 130  
 CHC/LAT 161  
 CHC/LAT 178A

Latino Music: A View of Its Diversity and Strength  
 Introduction to Cuba: History, Culture, and Society  
 Transnational Migration  
 Medical Anthropology

**Chinese (CHINESE)**

CHINESE 2A  
 CHINESE 2B  
 CHINESE 2C  
 CHINESE 2DA  
 CHINESE 2DB  
 CHINESE 2DC  
 CHINESE 2MA  
 CHINESE 2MB  
 CHINESE 2MC  
 CHINESE 3A  
 CHINESE 3B  
 CHINESE 3C

Intermediate Mandarin Chinese  
 Intermediate Mandarin Chinese  
 Intermediate Mandarin Chinese  
 Intermediate Mandarin Chinese - Dialect Background Track  
 Intermediate Mandarin Chinese - Dialect Background Track  
 Intermediate Mandarin Chinese - Dialect Background Track  
 Intermediate Mandarin Chinese - Mandarin Background Track  
 Intermediate Mandarin Chinese - Mandarin Background Track  
 Intermediate Mandarin Chinese - Mandarin Background Track  
 Advanced Mandarin Chinese  
 Advanced Mandarin Chinese  
 Advanced Mandarin Chinese

**Comparative Literature (COM LIT)**

COM LIT 10  
 COM LIT 60A  
 COM LIT 60B  
 COM LIT 60C

Topics in World Literature\*  
 World Literature\*  
 Reading with Theory\*  
 Cultural Studies\*

**Dance (DANCE)**

DANCE 80  
 DANCE 82  
 DANCE 90A  
 DANCE 90B  
 DANCE 90C

Introduction to Ballet and Modern Dance\*  
 Topics in World Dance  
 Dance History 1A\*  
 Dance History 1B\*  
 Dance History 1C\*

**Drama (DRAMA)**

DRAMA 40A  
 DRAMA 40B  
 DRAMA 40C

Development of Drama\*  
 Development of Drama\*  
 Development of Drama\*

**East Asian Languages and Literatures (E ASIAN)**

E ASIAN 1A  
 E ASIAN 20  
 E ASIAN 40

Introduction to Classical Chinese Literature\*  
 Asian Religions  
 Topics in East Asian Popular Culture\*

E ASIAN 55

**Earth System Science (EARTHSS)**

EARTHSS 15

EARTHSS 17

EARTHSS 21

EARTHSS 23

EARTHSS 27

**Economics (ECON)**

ECON 13

**European Studies (EURO ST)**

EURO ST 10

EURO ST 11

**French (FRENCH)**

FRENCH 2A

FRENCH 2B

FRENCH 2C

FRENCH S2AB

FRENCH S2BC

FRENCH 50

**Gender and Sexuality Studies (GEN&SEX)**

GEN&SEX 60C

**German (GERMAN)**

GERMAN 2A

GERMAN 2B

GERMAN 2C

GERMAN S2AB

GERMAN S2BC

GERMAN 50

**Global Middle East Studies (GLBL ME)**

GLBL ME 60A

GLBL ME 60B

GLBL ME 60C

**Hebrew (HEBREW)**

HEBREW 2A

HEBREW 2B

HEBREW 2C

HEBREW 50

**History (HISTORY)**

HISTORY 10

HISTORY 11

HISTORY 16A

HISTORY 16B

HISTORY 16C

HISTORY 18A

HISTORY 21A

HISTORY 21B

HISTORY 21C

HISTORY 50

HISTORY 70A

HISTORY 70B

Introduction to East Asian Cultures \*

Introduction to Global Climate Change \*

Hurricanes, Tsunamis, and Other Catastrophes \*

On Thin Ice: Climate Change and the Cryosphere \*

Air Pollution: From Urban Smog to Global Change \*

The Sustainable Ocean \*

Global Economy \*

Historical Foundations \*

Contemporary Issues and Institutions \*

Intermediate French

Intermediate French

Intermediate French

Intermediate French

Intermediate French

French Culture and the Modern World \*

Gender and Religion \*

Intermediate German

Intermediate German

Intermediate German

Intermediate German

Intermediate German

Science, Society, and Mind \*

Humanities and Arts: Problems and Methods for Global Middle East Studies \*

Social Sciences: Problems and Methods for Global Middle East Studies \*

Social Ecology and Sciences: Problems and Methods for Global Middle East Studies

Intermediate Hebrew

Intermediate Hebrew

Intermediate Hebrew

Jewish and Israeli Culture \*

The Holocaust \*

Genocide and Crimes Against Humanity Since WWII \*

World Religions I \*

World Religions II \*

Religious Dialogue \*

Introduction to Jewish Cultures \*

World: Innovations \*

World: Empires and Revolutions \*

World: Wars and Rights \*

Crises and Revolutions \*

Problems in History: Asia \*

Problems in History: Europe \*

HISTORY 70D

HISTORY 70E

HISTORY 70F

**Humanities (HUMAN)**

HUMAN 1C

HUMAN 10

**International Studies (INTL ST)**

INTL ST 11

INTL ST 13

INTL ST 14

INTL ST 114A

INTL ST 117A

INTL ST 145A

INTL ST 153E

INTL ST 158A

INTL ST 158B

INTL ST 162B

INTL ST 177F

INTL ST 177J

INTL ST 183E

**Italian (ITALIAN)**

ITALIAN 2A

ITALIAN 2B

ITALIAN 2C

**Japanese (JAPANESE)**

JAPANESE 2A

JAPANESE 2B

JAPANESE 2C

JAPANESE S2AB

JAPANESE S2BC

JAPANESE 3A

JAPANESE 3B

JAPANESE 3C

**Korean (KOREAN)**

KOREAN 2A

KOREAN 2B

KOREAN 2C

KOREAN 2KA

KOREAN 2KB

KOREAN 2KC

KOREAN S2AB

KOREAN S2BC

KOREAN 3A

KOREAN 3B

KOREAN 3C

**Linguistics (LINGUIS)**

LINGUIS 1

**Management (MGMT)**

MGMT 111

**Music (MUSIC)**

MUSIC 40B

MUSIC 40C

Problems in History: Latin America\*

Problems in History: Middle East and Africa\*

Problems in History: Transregional History\*

Humanities Core Lecture\*

Masterpieces of Literature\*

Global Cultures and Society\*

Global Economy\*

Introduction to International Relations\*

International Political Economy

Transnational Migration

International Law

Nationalism and Ethnicity in the Contemporary World

Modern South Asian Religions

Peoples of the Pacific

Peoples and Cultures of Post-Soviet Eurasia

Introduction to Cuba: History, Culture, and Society

Peoples and Cultures of Latin America

Conflict Resolution in Cross-Cultural Perspective

Intermediate Italian

Intermediate Italian

Intermediate Italian

Intermediate Japanese

Intermediate Japanese

Intermediate Japanese

Intermediate Japanese

Intermediate Japanese

Advanced Japanese

Advanced Japanese

Advanced Japanese

Intermediate Korean

Intermediate Korean

Intermediate Korean

Intermediate Korean for Students with a Previous Background in Korean

Intermediate Korean for Students with a Previous Background in Korean

Intermediate Korean for Students with a Previous Background in Korean

Intensive Intermediate Korean

Intensive Intermediate Korean

Advanced Korean

Advanced Korean

Advanced Korean

Languages of the World

China and the Global Order

History of European Music: From the Renaissance through the Baroque\*

History of European Music: Hasse to Mahler\*

MUSIC 40D	20th Century Music*
MUSIC 42	Music and Gender*
MUSIC 44	Classical Music in Society*
MUSIC 49A	Asian in Western Music
<b>Persian (PERSIAN)</b>	
PERSIAN 2A	Intermediate Persian
PERSIAN 2B	Intermediate Persian
PERSIAN 2C	Intermediate Persian
PERSIAN 3A	Advanced Persian
PERSIAN 3B	Advanced Persian
PERSIAN 50	Persian Culture*
<b>Political Science (POL SCI)</b>	
POL SCI 6A	Introduction to Political Science: Political Analysis*
POL SCI 41A	Introduction to International Relations*
POL SCI 51A	Introduction to Politics Around the World*
POL SCI H80	Globalization and Human Security*
POL SCI 141B	International Political Economy
POL SCI 141C	International Political Economy of East Asia
POL SCI 154F	Peoples and Cultures of Post-Soviet Eurasia
POL SCI 154G	Conflict Resolution in Cross-Cultural Perspective
POL SCI 172A	International Law
<b>Religious Studies (REL STD)</b>	
REL STD 5A	World Religions I*
REL STD 5B	World Religions II*
REL STD 5C	Religious Dialogue*
REL STD 60	Gender and Religion*
<b>Russian (RUSSIAN)</b>	
RUSSIAN 2A	Intermediate Russian
RUSSIAN 2B	Intermediate Russian
RUSSIAN 2C	Intermediate Russian
RUSSIAN 50	Russian Culture*
<b>Social Science (SOC SCI)</b>	
SOC SCI 5D	US & World Geography*
SOC SCI 173Q	Introduction to Cuba: History, Culture, and Society
SOC SCI 183E	Conflict Resolution in Cross-Cultural Perspective
<b>Sociology (SOCIOL)</b>	
SOCIOL 2	Globalization and Transnational Sociology*
SOCIOL 44	Births, Deaths, and Migration
<b>Spanish (SPANISH)</b>	
SPANISH 2	Accelerated Intermediate Spanish
SPANISH 2A	Intermediate Spanish
SPANISH 2AB	Intermediate Intensive Spanish
SPANISH 2B	Intermediate Spanish
SPANISH 2C	Intermediate Spanish
SPANISH S2AB	Intermediate Spanish
SPANISH S2BC	Intermediate Spanish
SPANISH 3A	Grammar and Composition
SPANISH 3B	Composition and Grammar
SPANISH 44	Hispanic Literatures for Nonmajors
SPANISH 50	Latin America, U.S. Latino, and Iberian Cultures*
<b>Vietnamese (VIETMSE)</b>	
VIETMSE 2A	Intermediate Vietnamese

VIETMSE 2B  
VIETMSE 2C

Intermediate Vietnamese  
Intermediate Vietnamese

Or, students may complete one of the following fourth-quarter language options:

1. Credit for four years of high school study or its equivalent in a single language other than English with a C average or better in the fourth year.
2. A score of 4 or 5 on a College Board Advanced Placement Examination in a language other than English. NOTE: Students who earn a 3, 4, or 5 on the AP Chinese Examination must take the UCI Chinese placement examination to determine course credit.
3. A score of 620 or better on a College Board SAT Subject Test in a language other than English, with the exception of the test in Modern Hebrew for which a score of 540 or better is required.
4. The equivalent as determined by an appropriate and available means of evaluation. For information on availability of such examinations and testing schedules, consult the Academic Testing Center, 949-824-6207. If an appropriate means of evaluating competence in a non-English language of instruction does not exist, satisfactory completion, with a C average or better, of two years of formal schooling at the sixth grade level or higher in an institution where the language of instruction is not English will meet the requirement. Appropriate documentation must be presented to substantiate that the course work was completed.

## First-Year Integrated Program (FIP)

University Studies 13–17 are three-quarter multidisciplinary sequences for freshmen or lower-division students only. These integrated courses are designed to introduce students to the ways different disciplines approach similar problems and to provide a freshman learning community experience. Successful completion of all three quarters will satisfy several courses toward partial fulfillment of different general education (GE) requirement categories. Additional information is available in the First-Year Integrated Program section of this *Catalogue*.

## School, Departmental, and Major Requirements

In addition to the University and UCI requirements listed above, each undergraduate student must satisfy the degree requirements for the major and, if applicable, the minor or concentration selected. UCI, school, and departmental or major and minor requirements may overlap; courses taken to fulfill a school or departmental requirement may also help fulfill the UCI general education requirement. Students are urged to make sure that they understand how many courses are permitted to satisfy more than one requirement. Information on specific degree requirements and courses is available in the academic unit sections of this *Catalogue*.

Students must declare a major by the time they reach junior status (90 units excluding college work completed prior to high school graduation), and should make certain that the background and the preparation prerequisite to junior and senior work in the major have been accomplished. Transfer students should read the section on Information for Transfer Students: Fulfilling Requirements for a Bachelor's Degree.

Students should note that with the exception of courses designated Pass/Not Pass Only, courses taken Pass/Not Pass may *not* be used to satisfy specific course requirements of the student's school and major, unless authorized by the appropriate dean. Additional information on grading is located in the Academic Regulations and Procedures section.

## Minor Programs

For certification in a minor, a student must obtain a minimum overall grade point average of at least C (2.0) in all courses required for the minor program. No more than two courses applied to a minor may be taken Pass/Not Pass. Completion of the minor is noted on a student's transcript. (Students are *not* required to minor in a program in order to graduate from UCI.)

## Application for Graduation

In order to receive a degree, an undergraduate student must submit an online Application for Graduation via the Student Access link at the University Registrar's Office website (<http://www.reg.uci.edu>) no later than the published deadline. Specific deadline dates for filing are established quarterly so that candidates' academic records can be reviewed to verify that all graduation requirements have been met. These dates vary among academic units. Students should contact their academic counseling office for deadline and degree audit information.