Requirements for a Bachelor’s Degree

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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.

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), 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 UCI 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.

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.

**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 published 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 students must complete the lower-division writing requirement before the beginning of the seventh quarter following the completion of their AE 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:

a. WRITING 50 and WRITING 60.

b. WRITING 45 and WRITING 60. Recommended students only.

c. 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.

d. Students who complete WRITING 45 or WRITING 50 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.

**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:

a. 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.

b. 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 (http://catalogue.uci.edu/informationforadmittedstudents/academicregulationsandprocedures/#writingrequirementtext) 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 (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 180AW: Anthropology Majors Writing Seminar
- ANTHRO H190W: Honors Thesis Writing

**Art (ART)**
- ART 101W: Artists as Writers
- ART 115W: Writing Nearby
Art History (ART HIS)
ART HIS 190W  
Art History Methods

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 N123L  
Human Neuroimaging 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 E160L  
Biology of Birds Laboratory
BIO SCI E166L  
Field Biology
BIO SCI E179L  
Field Freshwater Ecology
BIO SCI E186L  
Population and Community Ecology Lab
BIO SCI 191CW  
Writing/Senior Seminar on Global Sustainability III
BIO SCI 199W  
Research Writing

Chicano/Latino Studies (CHC/LAT)
CHC/LAT 102W  
Chicano/Latino Research Seminar
CHC/LAT 124W  
Immigrant Emotionality
CHC/LAT 148W  
Racial and Ethnic Relations in the United States
CHC/LAT 156W  
Chicano/Latinos and Labor
CHC/LAT H190W  
Honors Thesis

Chemistry (CHEM)
CHEM 101W  
Writing in Chemical Sciences
CHEM 177L  
Medicinal Chemistry Laboratory
CHEM 180W  
Senior Thesis in Chemistry
CHEM H181W  
Honors Seminar in Chemistry

Classics (CLASSIC)
CLASSIC 160W  
Topics in Classical Literature in English Translation

Cognitive Sciences (COGS)
COGS 112BW  
Advanced Experimental Psychology

Comparative Literature (COM LIT)
COM LIT 101W  
An Introduction to Translation Studies
COM LIT 102W  
Comparative Studies in Literature and Theory
COM LIT 190W  
Advanced Seminar in Comparative Literature and Theory

Criminology, Law and Society (CRM/LAW)
CRM/LAW C169W  
Advanced Research Methods

Dance (DANCE)
DANCE 185W  
Critical Issues in Dance

Drama (DRAMA)
DRAMA 109W  
Special Topics in Theory and Criticism
DRAMA 110W  
Special Topics in Classical Dramas
DRAMA 112W  
Special Topics in Early Modern and Neoclassical Theatre
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<td>Special Topics in Nineteenth-Century Dramas</td>
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<td>DRAMA 118W</td>
<td>Special Topics in Modern and Contemporary Drama</td>
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<td>DRAMA 126W</td>
<td>African American Film and Drama</td>
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<td>DRAMA 129W</td>
<td>Advanced Topics in Performance</td>
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<tr>
<td>DRAMA 180W</td>
<td>Contemporary Dramatic Criticism and Theory</td>
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<td>EARTHSS 176W</td>
<td>Marine Conservation, Policy, and Society</td>
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<tr>
<td>EARTHSS 177W</td>
<td>Documenting and Understanding Earth System Change</td>
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<tr>
<td>EARTHSS 190CW</td>
<td>Writing/Senior Seminar on Global Sustainability III</td>
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<tr>
<td>EARTHSS 198W</td>
<td>Senior Thesis in Earth System Science</td>
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<td>EARTHSS H198</td>
<td>Honors Thesis in Earth System Science</td>
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<td>EAS 192W</td>
<td>Junior-Senior Seminar</td>
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<td>ECON 122CW</td>
<td>Data Analysis Writing</td>
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<td>ECON 123CW</td>
<td>Econometrics III</td>
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<td>ECON 137W</td>
<td>Financial Markets and the Macroeconomy</td>
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<td>ECON 142CW</td>
<td>Industrial Organization III</td>
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<td>ECON 145FW</td>
<td>Economics of the Environment II</td>
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<td>ECON 153W</td>
<td>Political Institutions, Legal Systems, and Economic Development</td>
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<td>ECON 164AW</td>
<td>The Industrial Revolution in Western Europe</td>
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<td>ECON 190BW</td>
<td>Economics Honors Colloquium II</td>
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<td>EDUC 143AW</td>
<td>Classroom Interactions I</td>
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<td>EDUC 143BW</td>
<td>Classroom Interactions II</td>
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<td>EDUC 179W</td>
<td>Advanced Writing for Education Sciences</td>
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<tr>
<td>ENGLISH 101W</td>
<td>Undergraduate Seminar in Critical Writing: Topics in Literary History</td>
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<td>ENGR 190W</td>
<td>Communications in the Professional World</td>
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<td>ENGR 196W</td>
<td>Engineering Thesis</td>
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<td>ENGR H196W</td>
<td>Honors Thesis</td>
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<td>EURO ST 139W</td>
<td>Topics in European Culture and Society</td>
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<td>EURO ST 190W</td>
<td>Senior Seminar in European Studies</td>
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<td>FLM&amp;MDA 139W</td>
<td>Writing on Film and Media</td>
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<tr>
<td>FRENCH 139W</td>
<td>Literature and Society</td>
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<td>GERMAN 139W</td>
<td>Topics in German Literature, Culture, and Society</td>
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<td>GERMAN 140W</td>
<td>Topics in Literary Theory and Criticism</td>
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<td>GERMAN 160W</td>
<td>German Cinema</td>
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<td>GERMAN 170W</td>
<td>Topics in German Linguistics</td>
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<td>GLBL ME 100W</td>
<td>Research and Writing for Global Middle East Studies</td>
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<td>HISTORY 100W</td>
<td>Writing About History</td>
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<td>HUMAN H142W</td>
<td>Senior Honors Colloquium</td>
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<td>Critical Writing on Information Technology</td>
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Informatics (IN4MATX)
IN4MATX 162W

International Studies (INTL ST)
INTL ST 104BW
INTL ST 147CW
INTL ST 148W
INTL ST 154W
INTL ST 183CW

Literary Journalism (LIT JRN)
LIT JRN 101BW

Logic and Philosophy of Science (LPS)
LPS 100W
LPS 142W

Language Science (LSCI)
LSCI 195W

Mathematics (MATH)
MATH 195W

Management (MGMT)
MGMT 191W

Music (MUSIC)
MUSIC 142W
MUSIC 143W
MUSIC 144W
MUSIC 145W

Nursing Science (NUR SCI)
NUR SCI 108W
NUR SCI 179AW

Philosophy (PHILOS)
PHILOS 100W
PHILOS 102W
PHILOS 142W

Pharmaceutical Sciences (PHRMSCI)
PHRMSCI 174L
PHRMSCI 177L

Physical Sciences (PHY SCI)
PHY SCI 139W

Physics and Astronomy (PHYSICS)
PHYSICS 106W
PHYSICS 121W

Political Science (POL SCI)
POL SCI 121HW
POL SCI 125CW
POL SCI 128BW
POL SCI 136BW
POL SCI 137BW
POL SCI 138AW
POL SCI 138CW
POL SCI 138DW
POL SCI 147CW
POL SCI 154KW
POL SCI 171AW
POL SCI 174CW

Organizational Information Systems
Global Gender and Sexuality
International Humanitarianism
Global Futures
Ethics and Justice in International Affairs
Seminar Conflict Resolution
Literary Journalism Core Writing Workshop
Writing Philosophy
Writing/Philosophy of Biology
Writing Skills for Language Science
Mathematical Writing
Business Communication
Topics in Baroque Music
Topics in Classical Music
Topics in Romantic Music
Topics in 20th Century Music
Frameworks for Professional Nursing Practice
Scholarly Concentration I
Writing Philosophy
Introduction to the Theory of Knowledge
Writing/Philosophy of Biology
Biopharmaceutics and Nanomedicine Lab
Medicinal Chemistry Laboratory
Technical Writing and Communication Skills
Advanced Data Acquisition, Analysis, and Scientific Writing
Advanced Laboratory
Writing for the President of the United States
Constitutional Convention
Political Ideologies: The Way We View Our World
Cannibals and Conquistadores: The Philosophy of the Other
Types of Political Representation
Moral of the Story: Introduction to Ethics
Ethics of Difference
The Moral Life During War
International Humanitarianism
US Government in Comparative Perspective
Law and Society
U.S. Supreme Court
requirements for a bachelor's degree

**Psychological Science (PSCI)**
- PSCI 111W

**Psychology (PSYCH)**
- PSYCH 111BW
- PSYCH 112BW
- PSYCH 146MW

**Public Health (PUBHLTH)**
- PUBHLTH 195W

**Religious Studies (REL STD)**
- REL STD 110W

**Russian (RUSSIAN)**
- RUSSIAN 139W

**Social Sciences (SOC SCI)**
- SOC SCI 134W
- SOC SCI 172AW
- SOC SCI 183CW
- SOC SCI 184GW
- SOC SCI 185W
- SOC SCI H190C
- SOC SCI 193CW

**Social Ecology (SOCECOL)**
- SOCECOL 104W
- SOCECOL 106W
- SOCECOL 111W
- SOCECOL 186CW
- SOCECOL H190W
- SOCECOL 194W
- SOCECOL 195CW
- SOCECOL 195W

**Sociology (SOCIOL)**
- SOCIOL 120W
- SOCIOL 152W
- SOCIOL 154W
- SOCIOL 155BW
- SOCIOL 157AW
- SOCIOL 158CW
- SOCIOL 161W
- SOCIOL 164W
- SOCIOL 167AW
- SOCIOL 173W
- SOCIOL 177W
- SOCIOL 180AW
- SOCIOL 188BW
- SOCIOL H188A

**Social Pol and Public Service (SPPS)**
- SPPS H190C
- SPPS 193CW

**Urban Planning and Public Policy (UPPP)**
- UPPP 114W

**Writing (WRITING)**
- Senior Thesis
- Advanced Research Methods
- Honors Advanced Experimental Psychology
- Advanced Experimental Psychology
- Writing about Memory
- Public Health Practicum and Culminating Experience
- Thinking about Religion: Theories and Methodologies
- Writing About Russian Literature
- Veterans’ Voices
- American Culture
- Seminar Conflict Resolution
- Media Writing
- People in Society
- Honors Thesis
- Field Studies in Social Policy and Public Service
- Community Archiving in Social Ecology
- Building, Analyzing, and Sustaining a Digital Media Archive
- Advanced Research Methods
- Writing/Senior Seminar on Global Sustainability III
- Honors Research
- Naturalistic Field Research
- Advanced Field Study
- Field Study Writing Seminar
- Sociological Theory
- Global Peace
- Medical Sociology
- Baseball and Society
- Sociology of Education
- Money, Work, and Social Life
- Sociology of Sex and Gender
- Sociology of Aging
- Racial and Ethnic Relations in the United States
- Social Inequality
- Immigration and Social Policy
- Sociology Majors Seminar
- Honors Research and Thesis
- Honors Research and Thesis
- Honors Thesis
- Field Studies in Social Policy and Public Service
- Advanced Research Methods
WRITING 101W  Undergraduate Seminar: Applications in Literary Theory and Criticism for Creative Writing
WRITING 139W  Advanced Expository Writing

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

Art History (ART HIS)
ART HIS 55  Disneyland *

Biological Sciences (BIO SCI)
BIO SCI 1A  Life Sciences
BIO SCI 6  Tropical Biology: Race to Save the Tropics
BIO SCI 8  Evolution and the Modern World
BIO SCI 9A  Nutrition Science
BIO SCI 9B  Biology and Chemistry of Food and Cooking
BIO SCI 9E  Horticulture Science
BIO SCI 9J  Biology of Oriental Medicine
BIO SCI 9K  Global Change Biology
BIO SCI 12  Molecular Basis of Human Disease
BIO SCI 17  Evolutionary Psychology
BIO SCI 23  Sustainable Landscaping: Design and Practices
BIO SCI 35  The Brain and Behavior
BIO SCI 36  Drugs and the Brain
BIO SCI 37  Brain Dysfunction and Repair
BIO SCI 38  Mind, Memory, Amnesia, and the Brain
BIO SCI 41  Aspects of Mood Disorder
BIO SCI 44  Stem Cells and Brain Repair
BIO SCI 45  AIDS Fundamentals
BIO SCI 47  Stress
BIO SCI 48  The Mind-Body Connection in the Neuroscience of Well-Being *
BIO SCI 55  Introduction to Ecology
BIO SCI 56  Life Sciencing from Aristotle to Venter
BIO SCI 70  Introduction to Vaccines
BIO SCI 75  Human Development
BIO SCI H90  The Idiom and Practice of Science
BIO SCI 93  From DNA to Organisms
BIO SCI 93L  DNA to Organisms - Introduction to Biology Research
BIO SCI H93  Honors From DNA to Organisms
BIO SCI 94  From Organisms to Ecosystems
BIO SCI 94L
BIO SCI H94
BIO SCI N118

Biomedical Engineering (BME)
BME 3

Chemistry (CHEM)
CHEM 1A
CHEM 1B
CHEM 1C
CHEM H2A
CHEM H2B
CHEM H2C
CHEM M2A
CHEM M2B
CHEM M2C
CHEM M3C
CHEM 12
CHEM 14
CHEM H90

Dance (DANCE)
DANCE 3

Earth System Science (EARTHSS)
EARTHSS 1
EARTHSS 3
EARTHSS 5
EARTHSS 7
EARTHSS 15
EARTHSS 17
EARTHSS 19
EARTHSS 21
EARTHSS 23
EARTHSS 40A
EARTHSS 40B
EARTHSS 40C

Economics (ECON)
ECON 11

Engineering (ENGR)
ENGR 1A

Game Design and Interactive Media (GDIM)
GDIM 25

History (HISTORY)
HISTORY 60

Information and Computer Sci (I&C SCI)
I&C SCI 4
I&C SCI 5
I&C SCI 6N
I&C SCI 9
I&C SCI 10
I&C SCI 11
I&C SCI 31
I&C SCI 32
I&C SCI 32A

Organisms to Ecosystems - Introduction to Biology Research Analysis
Honors From Organisms to Ecosystems
Clinical Psychophysiology

Engineering Innovations in Treating Diabetes

General Chemistry
General Chemistry
General Chemistry
Honors General Chemistry
Honors General Chemistry
Honors General Chemistry
Majors General Chemistry Lecture
Majors General Chemistry Lecture
Majors General Chemistry Lecture
Majors Quantitative Analytical Chemistry
Chemistry Around Us
Sense and Sensibility in Science
The Idiom and Practice of Science

Scientific Concepts of Health

Introduction to Earth System Science
Oceanography
The Atmosphere
Physical Geology
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
Earth System Chemistry
Earth System Biology
Earth System Physics

The Internet and Public Policy
General Chemistry for Engineers
Game Design Fundamentals
The Making of Modern Science

Human Factors for the Web
Global Disruption and Information Technology
Computational Linear Algebra
Introduction to Computation for Scientists and Engineers
How Computers Work
The Internet and Public Policy
Introduction to Programming
Programming with Software Libraries
Python Programming and Libraries (Accelerated)
### Requirements for a Bachelor's Degree

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<td>I&amp;C SCI 33</td>
<td>Intermediate Programming*</td>
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<td>I&amp;C SCI 51</td>
<td>Introductory Computer Organization</td>
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<td>I&amp;C SCI 61</td>
<td>Game Design Fundamentals</td>
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<td><strong>Informatics (IN4MATX)</strong></td>
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<td>IN4MATX 12</td>
<td>Barter to Bitcoin: Society, Technology and the Future of Money</td>
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<td><strong>Logic and Philosophy of Science (LPS)</strong></td>
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<td>LPS 29</td>
<td>Critical Reasoning*</td>
</tr>
<tr>
<td>LPS 31</td>
<td>Introduction to Inductive Logic*</td>
</tr>
<tr>
<td>LPS 40</td>
<td>The Nature of Scientific Inquiry</td>
</tr>
<tr>
<td>LPS 60</td>
<td>The Making of Modern Science*</td>
</tr>
<tr>
<td>LPS H81</td>
<td>What is Space?</td>
</tr>
<tr>
<td>LPS H91</td>
<td>The Philosophy and Biology of Sex*</td>
</tr>
<tr>
<td>LPS H123</td>
<td>What is Disease?</td>
</tr>
<tr>
<td><strong>Mathematics (MATH)</strong></td>
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<tr>
<td>MATH 9</td>
<td>Introduction to Programming for Numerical Analysis*</td>
</tr>
<tr>
<td>MATH 10</td>
<td>Introduction to Programming for Data Science*</td>
</tr>
<tr>
<td><strong>Medical Humanities Initiative (MED HUM)</strong></td>
<td></td>
</tr>
<tr>
<td>MED HUM 3</td>
<td>Art and Medicine*</td>
</tr>
<tr>
<td><strong>Nursing Science (NUR SCI)</strong></td>
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</tr>
<tr>
<td>NUR SCI 50</td>
<td>Nutrition Across the Lifespan</td>
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<tr>
<td><strong>Philosophy (PHILOS)</strong></td>
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<tr>
<td>PHILOS 3</td>
<td>Technology and Society</td>
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<tr>
<td>PHILOS 29</td>
<td>Critical Reasoning*</td>
</tr>
<tr>
<td>PHILOS 31</td>
<td>Introduction to Inductive Logic*</td>
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<tr>
<td><strong>Pharmaceutical Sciences (PHRMSCI)</strong></td>
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<tr>
<td>PHRMSCI H80</td>
<td>Drugs and Society</td>
</tr>
<tr>
<td><strong>Physical Sciences (PHY SCI)</strong></td>
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</tr>
<tr>
<td>PHY SCI 9</td>
<td>Introduction to Computation for Scientists and Engineers*</td>
</tr>
<tr>
<td><strong>Physics and Astronomy (PHYSICS)</strong></td>
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</tr>
<tr>
<td>PHYSICS 3A</td>
<td>Basic Physics I*</td>
</tr>
<tr>
<td>PHYSICS 3B</td>
<td>Basic Physics II*</td>
</tr>
<tr>
<td>PHYSICS 3C</td>
<td>Basic Physics III*</td>
</tr>
<tr>
<td>PHYSICS 7C</td>
<td>Classical Physics*</td>
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<tr>
<td>PHYSICS 7D</td>
<td>Classical Physics*</td>
</tr>
<tr>
<td>PHYSICS 7E</td>
<td>Classical Physics*</td>
</tr>
<tr>
<td>PHYSICS 12</td>
<td>Science Fiction and Science Fact*</td>
</tr>
<tr>
<td>PHYSICS 14</td>
<td>Energy and the Environment*</td>
</tr>
<tr>
<td>PHYSICS 15</td>
<td>Physics of Music</td>
</tr>
<tr>
<td>PHYSICS 18</td>
<td>How Things Work</td>
</tr>
<tr>
<td>PHYSICS 19</td>
<td>Great Ideas of Physics</td>
</tr>
<tr>
<td>PHYSICS 20A</td>
<td>Introduction to Astronomy*</td>
</tr>
<tr>
<td>PHYSICS 20B</td>
<td>Cosmology: Humanity's Place in the Universe*</td>
</tr>
<tr>
<td>PHYSICS 20D</td>
<td>Space Science*</td>
</tr>
<tr>
<td>PHYSICS 20E</td>
<td>Life in the Universe*</td>
</tr>
<tr>
<td>PHYSICS 21</td>
<td>Special Topics in Physics</td>
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<tr>
<td>PHYSICS H80</td>
<td>Impact of World War I on Science</td>
</tr>
<tr>
<td>PHYSICS H90</td>
<td>The Idiom and Practice of Science*</td>
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<tr>
<td><strong>Psychology (PSYCH)</strong></td>
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<tr>
<td>PSYCH 122P</td>
<td>Clinical Psychophysiology</td>
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<tr>
<td><strong>Public Health (PUBHLTH)</strong></td>
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<tr>
<td>PUBHLTH 2</td>
<td>Case Studies in Public Health Practice</td>
</tr>
<tr>
<td>PUBHLTH 30</td>
<td>Introduction to Urban Environmental Health</td>
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</tbody>
</table>
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
AFAM 40A
AFAM 40B
AFAM 40C

Anthropology (ANTHRO)
ANTHO 2A
ANTHO 2B
ANTHO 2C
ANTHO 2D
ANTHO 25A
ANTHO 41A
ANTHO 45A
ANTHO 48
ANTHO 60
ANTHO 125C
ANTHO 127

Art (ART)
ART 12C

Asian American Studies (ASIANAM)
ASIANAM 50
ASIANAM 51
ASIANAM 52
ASIANAM 53
ASIANAM 130

Biological Sciences (BIO SCI)
BIO SCI 48
Requirements for a Bachelor’s Degree

Chicano/Latino Studies (CHC/LAT)
- CHC/LAT 61
- CHC/LAT 62
- CHC/LAT 63
- CHC/LAT 64
- CHC/LAT 164A

Criminology, Law and Society (CRM/LAW)
- CRM/LAW C7
- CRM/LAW C10
- CRM/LAW H80
- CRM/LAW C183
- CRM/LAW C187

Economics (ECON)
- ECON 1
- ECON 11
- ECON 13
- ECON 17
- ECON 20A
- ECON 20B
- ECON 23

School of Education (EDUC)
- EDUC 10
- EDUC 25
- EDUC 30
- EDUC 40
- EDUC 55

English (ENGLISH)
- ENGLISH 11
- ENGLISH 11C
- ENGLISH H80
- ENGLISH H81

Civil and Environmental Engr (ENGRCEE)
- ENGRCEE 40
- ENGRCEE 60

European Languages and Studies (EURO ST)
- EURO ST 10
- EURO ST S10
- EURO ST 11
- EURO ST S11
- EURO ST 12

Game Design and Interactive Media (GDIM)
- GDIM 41

Gender and Sexuality Studies (GEN&SEX)
- GEN&SEX 60A
- GEN&SEX 60B
- GEN&SEX 60C

Global Middle East Studies (GLBL ME)
- GLBL ME 60B
- GLBL ME 60C

History (HISTORY)
- HISTORY 11
Requirements for a Bachelor's Degree

HISTORY 15C
HISTORY 15F

Humanities (HUMAN)
HUMAN H81
HUMAN H83

Information and Computer Sci (I&C SCI)
I&C SCI 3
I&C SCI 11
I&C SCI 60

Informatics (IN4MATX)
IN4MATX 12
IN4MATX H81

International Studies (INTL ST)
INTL ST 1
INTL ST 11
INTL ST 12
INTL ST 13
INTL ST 14
INTL ST 15
INTL ST 16
INTL ST 17

Logic and Philosophy of Science (LPS)
LPS 91
LPS H91
LPS H95
LPS H125

Language Science (LSCI)
LSCI 3
LSCI 10
LSCI 20
LSCI 51
LSCI 68

Medical Humanities Initiative (MED HUM)
MED HUM 1

Management (MGMT)
MGMT 4A
MGMT 4B

Philosophy (PHILOS)
PHILOS 22
PHILOS 91

Political Science (POL SCI)
POL SCI 11A
POL SCI 11C
POL SCI 21A
POL SCI 31A
POL SCI 41A
POL SCI 44B
POL SCI 45A
POL SCI 51A
POL SCI 61A
POL SCI 71A

Psychological Science (PSCI)
Requirements for a Bachelor's Degree

Psychology (PSYCH)
PSYCH 7A  Introduction to Psychology
PSYCH 9A  Psychology Fundamentals
PSYCH 9B  Psychology Fundamentals
PSYCH 9C  Psychology Fundamentals
PSYCH 21A  Adolescent Psychology
PSYCH 46A  Introduction to Human Memory
PSYCH 56L  Acquisition of Language
PSYCH 78A  Self-Identity and Society

Public Health (PUBHLTH)
PUBHLTH 1  Principles of Public Health

Religious Studies (REL STD)
REL STD 17  An Economic Approach to Religion
REL STD 60  Global Themes in Sikh Studies
REL STD 61  Gender and Religion

Social Sciences (SOC SCI)
SOC SCI 1A  Principles in the Social Sciences
SOC SCI H1E  Honors: Critical Issues on the Social Sciences
SOC SCI H1F  Honors: Critical Issues on the Social Sciences
SOC SCI H1G  Honors: Critical Issues on the Social Sciences
SOC SCI 2A  Introduction to Social Science Analysis
SOC SCI 4A  Introduction to Global Studies
SOC SCI 5A  Introduction to Human Geography
SOC SCI 5D  US and World Geography
SOC SCI 11A  Barter to Bitcoin: Society, Technology and the Future of Money
SOC SCI 12  Global Political Ideologies
SOC SCI 15  Global Political Economy
SOC SCI 16  Human Rights and Global Governance
SOC SCI 17  Global Environmental Issues
SOC SCI 40  Social Policy and Public Service
SOC SCI 70C  Comparing Cultures
SOC SCI 78A  Asian American Histories
SOC SCI 78B  Asian American Communities
SOC SCI 78C  Asian Americans and Race
SOC SCI 133  Veterans' Transitions

Social Ecology (SOCECOL)
SOCECOL 1  Introduction to Social Ecology
SOCECOL H20A  Honors: Critical Issues on the Social Sciences
SOCECOL H20B  Honors: Critical Issues on the Social Sciences
SOCECOL H20C  Honors: Critical Issues on the Social Sciences

Sociology (SOCIOL)
SOCIOL 1  Introduction to Sociology
SOCIOL 2  Globalization
SOCIOL 3  Social Problems
SOCIOL 31  Self-Identity and Society
SOCIOL 62  Families and Intimate Relations
SOCIOL 177C  Undocumented Immigrant Experiences

Social Pol and Public Service (SPPS)
Requirements for a Bachelor's Degree

SPPS 40

University Studies (UNI STU)

UNI STU H30C
UNI STU H30D
UNI STU H30E
UNI STU H80
UNI STU 85A
UNI STU 85B
UNI STU 85C

Urban Planning and Public Policy (UPPP)

UPPP 4
UPPP 5
UPPP 8
UPPP 142
UPPP 166

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
AFAM 40B
AFAM 40C

Arabic (ARABIC)

ARABIC 51

Art (ART)

ART 1A
ART 1B
ART 1C
ART 8
ART 9A
ART 9B
ART 9C
ART 12A
ART 12B

Art History (ART HIS)

ART HIS 30
ART HIS 40A
ART HIS 40B
ART HIS 40C
ART HIS 42A

Social Policy and Public Service

Environmental Issues Affecting the Sustainability of Societies II
Social Science Perspectives on the Sustainability of Societies
Cities: Focal Point for Sustainability Problems and Solutions I
Neurodivergent
Leading from Within
Leading Others
Leading Change

Introduction to Urban Studies
Introduction to Urban Planning and Policy
Introduction to Environmental Analysis and Design
Environmental Hazards in an Urbanizing World
Urban Politics and Policy

African American Studies I∗
African American Studies II∗
African American Studies III∗

Introduction to the Koran∗

Art in Context: History, Theory, and Practice
Art in Context: History, Theory, and Practice
Art in Context: History, Theory, and Practice
Changing Creativity
Visual Culture: Media, Art, and Technology
Visual Culture: A Culture Divided
Visual Culture: Thematic Investigations
Art, Design, and Electronic Culture
Cultural History of the Anthropocene

Latin American Art and Architecture: 1492 to the Present∗
Ancient 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∗
### Requirements for a Bachelor's Degree

| 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 42E | Art and Archaeology of Ancient Persia, Egypt, and Mesopotamia* |
| ART HIS 42F | Arts of Korea* |
| ART HIS 44 | Image Collision: A Multicultural Approach to Images and Their Users* |
| ART HIS 55 | Disneyland* |

**Arts (ARTS)**

| ARTS 1 | ArtsCore |
| ARTS H81 | Improvisation and Modes of Research / Creative Expression |

**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 |
| 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 |

**Comparative Literature (COM LIT)**

| COM LIT 3 | Just Reading: Developing the Reading Experience* |
| 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* |

**Dance (DANCE)**

| DANCE 80 | Introduction to Ballet and Modern Dance* |
| DANCE 81 | American Ballet and Modern Dance since 1900 |
| DANCE 90A | Dance History I* |
| DANCE 90B | Dance History II* |
| DANCE 90C | Dance History III |

**Drama (DRAMA)**

<p>| DRAMA 10 | Introduction to Theatre |
| DRAMA 11 | The Rock and Roll Spectacle Show |
| DRAMA 12 | Music Theatre Today |
| DRAMA 13 | Food, Film, Power* |
| DRAMA 15 | Performance Now |
| DRAMA 16 | Performing Culture |
| DRAMA 20A | Culture in Performance |
| DRAMA 20B | Culture in Performance |
| DRAMA 20C | Culture in Performance |
| DRAMA 22 | Applied Improvisation |</p>
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>DRAMA 40A</td>
<td>Development of Drama</td>
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<td>DRAMA 40B</td>
<td>Development of Drama</td>
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<tr>
<td>DRAMA 40C</td>
<td>Development of Drama</td>
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<tr>
<td>EAS 20</td>
<td>Topics in Asian Religions</td>
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<tr>
<td>EAS 40</td>
<td>Topics in East Asian Popular Culture</td>
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<td>EAS 55</td>
<td>Introduction to East Asian Cultures</td>
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<td>EAS H84</td>
<td>Traveling East/West</td>
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<tr>
<td>ENGLISH 8</td>
<td>Multicultural American Literature</td>
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<td>ENGLISH 9</td>
<td>Shakespeare</td>
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<tr>
<td>ENGLISH 10</td>
<td>Topics in English and American Literature</td>
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<tr>
<td>ENGLISH 10B</td>
<td>Topics in English and American Literature</td>
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<tr>
<td>ENGLISH 11</td>
<td>Society, Law, and Literature</td>
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<td>ENGLISH 11C</td>
<td>Society, Law, and Literature</td>
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<td>ENGLISH 12</td>
<td>Young Adult Fiction</td>
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<tr>
<td>ENGLISH 16</td>
<td>The Craft of Poetry</td>
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<tr>
<td>ENGLISH 17</td>
<td>The Craft of Fiction</td>
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<tr>
<td>ENGLISH H80</td>
<td>Sanctuary: Medieval and Modern</td>
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<tr>
<td>EURO ST 9</td>
<td>Topics in Europe in the Middle Ages</td>
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<tr>
<td>EURO ST 10</td>
<td>Topics in Historical Foundations (1500-1800)</td>
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<tr>
<td>EURO ST S10</td>
<td>Historical Foundations: Europe and the Foundations of the Modern World</td>
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<tr>
<td>EURO ST 11</td>
<td>Issues and Institutions in Modern Europe (1789-1945)</td>
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<tr>
<td>EURO ST S11</td>
<td>Europe's Futures: 1755-Present</td>
<td></td>
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<tr>
<td>EURO ST 12</td>
<td>What is the Origin of Language?</td>
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<tr>
<td>EURO ST 13</td>
<td>Topics in Contemporary Europe (1945 – Today)</td>
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<td>FRENCH 50</td>
<td>Topics in French Culture and the Modern World</td>
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<tr>
<td>GEN&amp;SEX 20</td>
<td>Introduction to Queer Studies</td>
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<tr>
<td>GEN&amp;SEX 50A</td>
<td>Gender and Feminism in Everyday Life</td>
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<tr>
<td>GEN&amp;SEX 50B</td>
<td>Gender and Power</td>
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<tr>
<td>GEN&amp;SEX 50C</td>
<td>Gender and Popular Culture</td>
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<tr>
<td>GLBL ME 60A</td>
<td>Humanities and Arts: Problems and Methods for Global Middle East Studies</td>
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<tr>
<td>HEBREW 50</td>
<td>Jewish and Israeli Culture</td>
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<tr>
<td>HISTORY 5</td>
<td>Truth, Lies, and History: The Uses of the Past</td>
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<tr>
<td>HISTORY 10</td>
<td>The Holocaust</td>
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<tr>
<td>HISTORY 12</td>
<td>Introductory Topics in History</td>
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<tr>
<td>HISTORY 15A</td>
<td>Native American History</td>
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</tr>
<tr>
<td>HISTORY 15C</td>
<td>Asian American Histories</td>
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<tr>
<td>HISTORY 15D</td>
<td>History of Sexuality in the US</td>
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<tr>
<td>HISTORY 15F</td>
<td>What to Eat? Immigrants and the Development of American Cuisines</td>
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</table>
### Requirements for a Bachelor's Degree

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>HISTORY 16A</td>
<td>World Religions I</td>
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<td>HISTORY 16B</td>
<td>World Religions II</td>
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<tr>
<td>HISTORY 16C</td>
<td>Religious Dialogue</td>
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<tr>
<td>HISTORY 18A</td>
<td>Major Jewish Texts</td>
</tr>
<tr>
<td>HISTORY 21A</td>
<td>World: Innovations</td>
</tr>
<tr>
<td>HISTORY 21B</td>
<td>World: Empires and Revolutions</td>
</tr>
<tr>
<td>HISTORY 21C</td>
<td>World: Nation, War, and Rights</td>
</tr>
<tr>
<td>HISTORY 36A</td>
<td>The Formation of Ancient Greek Society: Early Greece</td>
</tr>
<tr>
<td>HISTORY 36B</td>
<td>The Formation of Ancient Greek Society: Late Archaic and Classical Greece</td>
</tr>
<tr>
<td>HISTORY 36C</td>
<td>The Formation of Ancient Greek Society: Fourth-Century and Hellenistic Greece</td>
</tr>
<tr>
<td>HISTORY 37A</td>
<td>The Formation of Ancient Roman Society: Origins to Roman Republic</td>
</tr>
<tr>
<td>HISTORY 37B</td>
<td>The Formation of Ancient Roman Society: Roman Empire</td>
</tr>
<tr>
<td>HISTORY 37C</td>
<td>The Formation of Ancient Roman Society: The Fall of Rome</td>
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<tr>
<td>HISTORY 40A</td>
<td>Colonial America: New Worlds</td>
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<tr>
<td>HISTORY 40B</td>
<td>Nineteenth-Century U.S.: Crisis and Expansion</td>
</tr>
<tr>
<td>HISTORY 40C</td>
<td>Modern America: Culture and Power</td>
</tr>
<tr>
<td>HISTORY 50</td>
<td>Crises and Revolutions</td>
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<tr>
<td>HISTORY 60</td>
<td>The Making of Modern Science</td>
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<tr>
<td>HISTORY 70A</td>
<td>Problems in History: Asia</td>
</tr>
<tr>
<td>HISTORY 70B</td>
<td>Problems in History: Europe</td>
</tr>
<tr>
<td>HISTORY 70C</td>
<td>Problems in History: United States</td>
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<tr>
<td>HISTORY 70D</td>
<td>Problems in History: Latin America</td>
</tr>
<tr>
<td>HISTORY 70E</td>
<td>Problems in History: Middle East and Africa</td>
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<tr>
<td>HISTORY 70F</td>
<td>Problems in History: Transregional History</td>
</tr>
<tr>
<td>Humanities (HUMAN)</td>
<td>Humanities Core Lecture</td>
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<tr>
<td>HUMAN 1A</td>
<td>Humanities Core Lecture</td>
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<td>HUMAN 1B</td>
<td>Humanities Core Lecture</td>
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<td>HUMAN 1C</td>
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<tr>
<td>HUMAN B1A</td>
<td>Humanities Core Biological Sciences Lecture</td>
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<tr>
<td>HUMAN 10</td>
<td>Masterpieces of Literature</td>
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<td>HUMAN H80</td>
<td>Exploring Memory</td>
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<td>HUMAN H81</td>
<td>The Vietnam War</td>
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<td>HUMAN H84</td>
<td>Traveling East/West</td>
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<tr>
<td>Italian (ITALIAN)</td>
<td>Topics in Italian Culture</td>
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<tr>
<td>ITALIAN 50</td>
<td>Introduction to Literary Journalism</td>
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<tr>
<td>Literary Journalism (LIT JRN)</td>
<td>The Making of Modern Science</td>
</tr>
<tr>
<td>LIT JRN 20</td>
<td></td>
</tr>
<tr>
<td>Logic and Philosophy of Science (LPS)</td>
<td>Health, Wellness, and Conception of the Body</td>
</tr>
<tr>
<td>LPS 60</td>
<td>Art and Medicine</td>
</tr>
<tr>
<td>Medical Humanities Initiative (MED HUM)</td>
<td>Introduction to Music</td>
</tr>
<tr>
<td>MED HUM 1</td>
<td>Introduction to Opera</td>
</tr>
<tr>
<td>MED HUM 3</td>
<td>Popular Music in the United States</td>
</tr>
<tr>
<td>Music (MUSIC)</td>
<td>The Beatles and the Sixties</td>
</tr>
<tr>
<td>MUSIC 3</td>
<td>Rock: The Early Years</td>
</tr>
<tr>
<td>MUSIC 4</td>
<td>Fundamentals of Music</td>
</tr>
<tr>
<td>MUSIC 5</td>
<td>History of European Music: From the Renaissance through the Baroque</td>
</tr>
<tr>
<td>MUSIC 8</td>
<td></td>
</tr>
</tbody>
</table>
Requirements for a Bachelor's Degree

MUSIC 40C History of European Music: Hasse to Mahler
MUSIC 40D 20th Century Music
MUSIC 41 Major Composer
MUSIC 42 Music and Gender
MUSIC 44 Classical Music in Society
MUSIC 45 History of Film Music
MUSIC 46 Music in Multimedia
MUSIC 47 Introductory Topics in Music Technology
MUSIC 48 Introductory Topics in Music and Culture
MUSIC 51 Music Technology and Computers
MUSIC 78 History of Jazz
MUSIC H80 Experiments in Music

Persian (PERSIAN)
PERSIAN 50 Persian Culture

Philosophy (PHILOS)
PHILOS 1 Introduction to Philosophy
PHILOS 2 Puzzles and Paradoxes
PHILOS 4 Introduction to Ethics
PHILOS 5 Contemporary Moral Problems
PHILOS 7 Introduction to Existentialism
PHILOS 10 History of Ancient Philosophy
PHILOS 12 History of Modern Philosophy
PHILOS 13 History of Contemporary Philosophy
PHILOS 21 Philosophy and Religion

Religious Studies (REL STD)
REL STD 5A World Religions I
REL STD 5B World Religions II
REL STD 5C Religious Dialogue
REL STD 21 Philosophy and Religion

Russian (RUSSIAN)
RUSSIAN 50 Topics in Russian Culture

Social Sciences (SOC SCI)
SOC SCI 78A Asian American Histories

Spanish (SPANISH)
SPANISH 50 Latin America, U.S. Latino, and Iberian Cultures
SPANISH 60E Mexico and Central America: A Survey
SPANISH 60S Mexico and Central America: A Survey
SPANISH 61 The Culture of the Visual Image in Latin America

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 \( V_a \) and \( V_b \).

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)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHRO 10A</td>
<td>Probability and Statistics</td>
</tr>
<tr>
<td>ANTHRO 10B</td>
<td>Probability and Statistics</td>
</tr>
</tbody>
</table>

### Biomedical Engineering (BME)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BME 3</td>
<td>Engineering Innovations in Treating Diabetes</td>
</tr>
</tbody>
</table>

### Chemistry (CHEM)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1A</td>
<td>General Chemistry</td>
</tr>
<tr>
<td>CHEM 1B</td>
<td>General Chemistry</td>
</tr>
<tr>
<td>CHEM 1C</td>
<td>General Chemistry</td>
</tr>
<tr>
<td>CHEM H2A</td>
<td>Honors General Chemistry</td>
</tr>
<tr>
<td>CHEM H2B</td>
<td>Honors General Chemistry</td>
</tr>
<tr>
<td>CHEM H2C</td>
<td>Honors General Chemistry</td>
</tr>
<tr>
<td>CHEM M2A</td>
<td>Majors General Chemistry Lecture</td>
</tr>
<tr>
<td>CHEM M2B</td>
<td>Majors General Chemistry Lecture</td>
</tr>
<tr>
<td>CHEM M2C</td>
<td>Majors General Chemistry Lecture</td>
</tr>
<tr>
<td>CHEM M3C</td>
<td>Majors Quantitative Analytical Chemistry</td>
</tr>
<tr>
<td>CHEM 12</td>
<td>Chemistry Around Us</td>
</tr>
<tr>
<td>CHEM 14</td>
<td>Sense and Sensibility in Science</td>
</tr>
<tr>
<td>CHEM H90</td>
<td>The Idiom and Practice of Science</td>
</tr>
</tbody>
</table>

### Cognitive Sciences (COGS)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>COGS 1A</td>
<td>Exploratory Data Analysis</td>
</tr>
<tr>
<td>COGS 1B</td>
<td>Probability and Inference</td>
</tr>
</tbody>
</table>

### Earth System Science (EARTHSS)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EARTHSS 1</td>
<td>Introduction to Earth System Science</td>
</tr>
<tr>
<td>EARTHSS 3</td>
<td>Oceanography</td>
</tr>
<tr>
<td>EARTHSS 5</td>
<td>The Atmosphere</td>
</tr>
<tr>
<td>EARTHSS 7</td>
<td>Physical Geology</td>
</tr>
<tr>
<td>EARTHSS 15</td>
<td>Introduction to Global Climate Change</td>
</tr>
<tr>
<td>EARTHSS 17</td>
<td>Hurricanes, Tsunamis, and Other Catastrophes</td>
</tr>
<tr>
<td>EARTHSS 21</td>
<td>On Thin Ice: Climate Change and the Cryosphere</td>
</tr>
<tr>
<td>EARTHSS 23</td>
<td>Air Pollution: From Urban Smog to Global Change</td>
</tr>
<tr>
<td>EARTHSS 40A</td>
<td>Earth System Chemistry</td>
</tr>
<tr>
<td>EARTHSS 40C</td>
<td>Earth System Physics</td>
</tr>
</tbody>
</table>

### Economics (ECON)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 1A</td>
<td>Probability and Statistics in Economics I</td>
</tr>
<tr>
<td>ECON 1B</td>
<td>Probability and Statistics in Economics II</td>
</tr>
</tbody>
</table>

### School of Education (EDUC)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 15</td>
<td>Statistics for Education Research</td>
</tr>
</tbody>
</table>

### Game Design and Interactive Media (GDIM)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GDIM 31</td>
<td>Introduction to Programming for Games</td>
</tr>
<tr>
<td>GDIM 32</td>
<td>Intermediate Programming for Games</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>I&amp;C SCI 7</td>
<td>Spreadsheets for Problem-Solving</td>
</tr>
</tbody>
</table>
Requirements for a Bachelor's Degree

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:

- Introduction to Computation for Scientists and Engineers
- Programming with Software Libraries
- Python Programming and Libraries (Accelerated)
- Introduction to Inductive Logic
- Statistics for Business Decision Making
- Introduction to Computation for Scientists and Engineers
- Basic Physics I
- Basic Physics II
- Basic Physics III
- Classical Physics
- Classical Physics
- Science Fiction and Science Fact
- Energy and the Environment
- Introduction to Astronomy
- Cosmology: Humanity's Place in the Universe
- Space Science
- Life in the Universe
- The Idiom and Practice of Science
- Exploratory Data Analysis
- Probability and Inference
- Public Health Statistics I
- Public Health Statistics II
- Probability and Statistics in Social Sciences I
- Probability and Statistics in Social Sciences II
- Statistical Analysis in Social Ecology
- Probability and Statistics
- Probability and Statistics
- Basic Statistics
- Introduction to Biological Statistics
- Introduction to Probability and Statistics for Computer Science
- Critical Analysis of Health Science Literature
• 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

Cognitive Sciences (COGS)
COGS 10C

Earth System Science (EARTHSS)
EARTHSS 19

European Languages and Studies (EURO ST)
EURO ST 12

Information and Computer Sci (I&C SCI)
I&C SCI 6B
I&C SCI 6D
I&C SCI 6N
I&C SCI 9
I&C SCI 31
I&C SCI 32
I&C SCI 32A
I&C SCI 33
I&C SCI 46

Logic and Philosophy of Science (LPS)
LPS 29
LPS 30

Language Science (LSCI)
LSCI 3
LSCI 10
LSCI 20
LSCI 43

Mathematics (MATH)
MATH 2A
MATH 2B
MATH 2D
MATH H2D
MATH 3A
MATH 5A
MATH 5B
MATH 7A
MATH 7B
MATH 9
MATH 10

Philosophy (PHILOS)
PHILOS 2
PHILOS 29
PHILOS 30

Physical Sciences (PHY SCI)
PHY SCI 9

Psychology (PSYCH)
PSYCH 10C
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.
KOREAN S1BC Fundamentals of Korean
Latin (LATIN) Fundamentals of Latin
LATIN 1C Fundamentals of Latin
Persian (PERSIAN) Fundamentals in Persian
PERSIAN 1C Fundamentals in Persian
Russian (RUSSIAN) Intensive Russian Fundamentals
RUSSIAN 1BC Fundamentals of Russian
RUSSIAN 1C Fundamentals of Russian
Spanish (SPANISH) Fundamentals of Spanish
SPANISH 1C Fundamentals of Spanish
SPANISH S1BC Fundamentals of Spanish
Vietnamese (VIETMSE) Fundamentals of Vietnamese
VIETMSE 1C Fundamentals of Vietnamese

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 (http://catalogue.uci.edu/schoolofhumanities/) (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 student’s awareness and interdisciplinary analysis of the history, society, and/or culture of one or more historically underrepresented groups in California and/or United States.

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

- Demonstrate knowledge of the culture, history, and development of one or more historically underrepresented or marginalized group in California and/or the United States.

And do at least one of the following:

- Critically analyze differences in experience, perspective, and inequities encountered by historically underrepresented communities or marginalized groups in California and/or the United States.
- Demonstrate the ability to recognize and critically analyze structural forms of power and intersecting systems of oppression in California and/or the United States.
- Demonstrate understanding of how historically underrepresented or marginalized groups in California and/or the United States challenge ideologies, institutions, and the conditions of domination.

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 25A
ANTHRO 60
ANTHRO 121D
ANTHRO 128B
ANTHRO 136K
ANTHRO 162B

Art History (ART HIS)
ART HIS 44

Asian American Studies (ASIANAM)
ASIANAM 50
ASIANAM 52
ASIANAM 53
ASIANAM 54
ASIANAM 55
ASIANAM 130
ASIANAM 144

Chicano/Latino Studies (CHC/LAT)
CHC/LAT 61
CHC/LAT 62
CHC/LAT 63
CHC/LAT 64
CHC/LAT 65
CHC/LAT 151
CHC/LAT 154
CHC/LAT 158
CHC/LAT 158B
CHC/LAT 163
CHC/LAT 164A
CHC/LAT 167
CHC/LAT 168
CHC/LAT 176
CHC/LAT 178
CHC/LAT 183

Comparative Literature (COM LIT)
COM LIT 9

Criminology, Law and Society (CRM/LAW)
CRM/LAW C187

Drama (DRAMA)
DRAMA 13

School of Education (EDUC)
EDUC 124
EDUC 143BW

English (ENGLISH)
ENGLISH 8

Film and Media Studies (FLM&MDA)
FLM&MDA H80

Gender and Sexuality Studies (GEN&SEX)
GEN&SEX 20
GEN&SEX 50A
GEN&SEX 50B
GEN&SEX 50C

Requirements for a Bachelor's Degree

ANTHRO 25A: Environmental Injustice*
ANTHRO 60: Global Themes in Sikh Studies*
ANTHRO 121D: Cross-Cultural Studies of Gender
ANTHRO 128B: Race, Gender, and Science
ANTHRO 136K: The Woman and the Body
ANTHRO 162B: Indian North America

ART HIS 44: Image Collision: A Multicultural Approach to Images and Their Users*

ASIANAM 50: Asian American Histories
ASIANAM 52: Asian American Communities*
ASIANAM 53: Asian Americans and Race*
ASIANAM 54: Asian American Stories*
ASIANAM 55: Asian Americans and the Media*
ASIANAM 130: Undocumented Immigrant Experiences*
ASIANAM 144: The Politics of Protest

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 151: Latinos in U.S. Politics
CHC/LAT 154: Latino Metropolis
CHC/LAT 158: Feminisms of Color
CHC/LAT 158B: Gender and Ethnicity: Chicana/Latina Feminisms in the US
CHC/LAT 163: U.S. Immigration Policy
CHC/LAT 164A: Undocumented Immigrant Experiences*
CHC/LAT 167: Latinos in a Global Society
CHC/LAT 168: Chicano/Latino Social Psychology
CHC/LAT 176: Race, Gender, and Science
CHC/LAT 178: Health and the Latino Paradox
CHC/LAT 183: Multicultural Education in K-12 Schools

COM LIT 9: Introduction to Multiculturalism*

CRM/LAW C187: Undocumented Immigrant Experiences*

DRAMA 13: Food, Film, Power*

EDUC 124: Multicultural Education in K-12 Schools
EDUC 143BW: Classroom Interactions II*

ENGLISH 8: Multicultural American Literature*

FLM&MDA H80: Honors Seminar: Race Sport Media*

GEN&SEX 20: Introduction to Queer Studies*
GEN&SEX 50A: Gender and Feminism in Everyday Life*
GEN&SEX 50B: Gender and Power*
GEN&SEX 50C: Gender and Popular Culture*
GEN&SEX 172

History (HISTORY)
HISTORY 15A
HISTORY 15C
HISTORY 15D
HISTORY 15F
HISTORY 15G
HISTORY 149

Humanities (HUMAN)
HUMAN 1C

Language Science (LSCI)
LSCI 2

Music (MUSIC)
MUSIC 78

Political Science (POL SCI)
POL SCI 32A
POL SCI 61A
POL SCI 124A
POL SCI 124B
POL SCI 126C

Psychological Science (PSCI)
PSCI 192Q
PSCI 192S

Religious Studies (REL STD)
REL STD 60

Social Sciences (SOC SCI)
SOC SCI 70C
SOC SCI 78A
SOC SCI 78B
SOC SCI 78C
SOC SCI 132
SOC SCI 173L

Sociology (SOCIOL)
SOCIOL 1
SOCIOL 3
SOCIOL 51
SOCIOL 63
SOCIOL 64
SOCIOL 68A
SOCIOL 163
SOCIOL 177C

Spanish (SPANISH)
SPANISH 3H
SPANISH 62

Social Pol and Public Service (SPPS)
SPPS 70A

Urban Planning and Public Policy (UPPP)
UPPP 172

Requirements for a Bachelor's Degree

Gender and Ethnicity: Chicana/Latina Feminisms in the US
Native American History*
Asian American Histories*
History of Sexuality in the US*
What to Eat? Immigrants and the Development of American Cuisines*
Racial Segregation in Modern U.S.
Veterans in History and Society

Humanities Core Lecture*
Discovering Language

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

Chicano/Latino Social Psychology
Health and the Latino Paradox

Global Themes in Sikh Studies*
Comparing Cultures*
Asian American Histories*
Asian American Communities*
Asian Americans and Race*
Veterans in History and Society
Latinos in a Global Society

Introduction to Sociology*
Social Problems*
Asian American Family & Community
Race and Ethnicity
Sociology of Sexuality
Ethnic and Immigrant America
Gender and Ethnicity: Chicana/Latina Feminisms in the US
Undocumented Immigrant Experiences*

Heritage Spanish: Latinidades en California
Latinx, Multilingualism, and Social Justice

Race and Ethnicity

Latino Metropolis
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 48 Archaeology or Aliens?: Conspiracy, Pseudoscience, and the Emergence of Civilizations*
- ANTHRO 60 Global Themes in Sikh Studies*
- ANTHRO 125X Transnational Migration
- ANTHRO 134A Medical Anthropology
- ANTHRO 136A Nationalism and Ethnicity in the Contemporary World
- ANTHRO 136D Conflict Resolution in Cross-Cultural Perspective
- 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 Intermediate Arabic Language and Culture
- ARABIC 2B Intermediate Arabic Language and Culture
- ARABIC 2C Intermediate Arabic Language and Culture
- ARABIC 51 Introduction to the Koran*

Armenian (ARMN)

- ARMN 2A Intermediate Armenian
- ARMN 2B Intermediate Armenian
- ARMN 2C Intermediate Armenian

Art History (ART HIS)

- ART HIS 30 Latin American Art and Architecture: 1492 to the Present*
- ART HIS 40A Ancient 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 42E Art and Archaeology of Ancient Persia, Egypt, and Mesopotamia*
ART HIS 42F
Asian American Studies (ASIANAM)
ASIANAM 51
Chicano/Latino Studies (CHC/LAT)
CHC/LAT 120
CHC/LAT 161
CHC/LAT 178A
Chinese (CHINESE)
CHINESE 2A
CHINESE 2B
CHINESE 2C
CHINESE 3A
CHINESE 3B
CHINESE 3C
CHINESE 40
Comparative Literature (COM LIT)
COM LIT 3
COM LIT 10
COM LIT 60A
COM LIT 60B
COM LIT 60C
Dance (DANCE)
DANCE 80
DANCE 90A
DANCE 90B
Drama (DRAMA)
DRAMA 13
DRAMA 40A
DRAMA 40B
DRAMA 40C
Earth System Science (EARTHSS)
EARTHSS 15
EARTHSS 17
EARTHSS 21
EARTHSS 23
East Asian Studies (EAS)
EAS 20
EAS 40
EAS 55
Economics (ECON)
ECON 13
European Languages and Studies (EURO ST)
EURO ST 9
EURO ST 10
EURO ST S10
EURO ST 11
EURO ST S11
EURO ST 13
French (FRENCH)
FRENCH 2A
FRENCH 2AB
FRENCH 2B

Arts of Korea
The U.S. and Asia
Peoples and Cultures of Latin America
Transnational Migration
Medical Anthropology
Intermediate Mandarin Chinese
Intermediate Mandarin Chinese
Intermediate Mandarin Chinese
Advanced Mandarin Chinese
Advanced Mandarin Chinese
Advanced Mandarin Chinese
Topics in Professional Chinese
Just Reading: Developing the Reading Experience
Topics in World Literature
World Literature
Reading with Theory
Cultural Studies
Introduction to Ballet and Modern Dance
Dance History I
Dance History II
Food, Film, Power
Development of Drama
Development of Drama
Development of Drama
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
Topics in Asian Religions
Topics in East Asian Popular Culture
Introduction to East Asian Cultures
Global Economy
Topics in Europe in the Middle Ages
Topics in Historical Foundations (1500-1800)
Historical Foundations: Europe and the Foundations of the Modern World
Issues and Institutions in Modern Europe (1789-1945)
Europe's Futures: 1755-Present
Topics in Contemporary Europe (1945 – Today)
Intermediate French
Intensive Intermediate French
Intermediate French
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Or, students may complete one of the following fourth-quarter language options:

a. 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.

b. 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.

c. 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.

d. 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.

**University Requirements**

**English (UC Entry Level Writing)**

The Entry Level Writing Requirement (ELWR) is a graduation requirement for the University of California. Every undergraduate must demonstrate proficiency in writing. The Entry Level Writing requirement may be satisfied prior to enrollment in any of the following ways:

a. Score 3 or higher on the College Board Advanced Placement (AP) Examination in English (Language or Literature) or Research or Seminar; or
b. Score 5 or higher on the International Baccalaureate (IB) Higher Level Examination or score 6 or higher on the IB Standard Level Examination in English (Language A only); or
c. Score 680 or higher on the Evidence-Based Reading and Writing section of the new SAT exam (effective for students enrolling in fall 2018/students applying to UC in November 2017); or
d. Score 680 or higher on the Writing Section of the SAT Reasoning Test (last administered January 2016); or
e. Score 30 or higher on ACT English Language Arts; or
f. Score 63 or higher on the ACT, English Plus Reading; or
g. Score 30 or higher on ACT Combined English/Writing (last administered June 2015); or
h. Complete with a grade of C or better a transferable college course in English composition worth four quarter or three semester units.

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

a. 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.
b. Receiving a placement results beyond Entry Level Writing through the UCI Writing Placement Process. The UCI Writing Placement Process uses relevant information including writing samples, test scores, as well as other student information to guide writing course placements. Freshman admitted to UCI will receive detailed information in May about the placement process.

NOTE: 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:

a. 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 grade of C or better will satisfy the requirement. Students who do not receive a 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 grade of C or better.)
b. Taking either WRITING 45, WRITING 40, or WRITING 40A and receiving a grade of C or better in the course.

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

Students enrolled in Essentials of Academic Writing (AC ENG 20A, AC ENG 20B, AC ENG 20C) may enroll in WRITING 40 or WRITING 45 immediately after they successfully complete AC ENG 20C and AC ENG 22A (if required by the Program in Global Languages and Communication).

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:

a. 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
b. Achieving a score of 3, 4, or 5 on the College Board Advanced Placement Examination in United States History; or
c. Achieving a score of 550 or better on the SAT Subject Test United States History; or
d. Achieving a score of 5, 6, or 7 on the IB History of the Americas examination; or
e. Presentation of a certificate of completion of the requirement at another California institution; or
f. 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—AP U.S. Government and Politics exam with a score of 4 or 5 or 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.

Students must complete 50 percent or more of the total quarter units earned at UCI before graduation through courses that are not designated as online or mixed modality by the University Registrar, unless exceptions have been granted to a degree program.

On This Page:
• Transfer Students: Completion of the UCI General Education Requirement
• Intersegmental General Education Transfer Curriculum
• Intersegmental General Education Transfer Curriculum for STEM
• Transferability of Credit
  • Limitations on Transfer Credit
• UCI Division of Continuing Education
• Important Resources for California Community College Students

This section provides a guide for transfer students in understanding how their coursework from another collegiate institution applies to fulfilling UCI degree requirements. Transfer students should use this information in conjunction with the Requirements for a Bachelor’s Degree. Transfer students are required to meet University, general education, school, department, and major requirements described in the Catalogue. The courses and descriptions in this Catalogue may be used by prospective transfer students as a guide for selecting courses of similar content and purpose in their own institutions. No student who has taken a course which is accepted for credit by the Office of Undergraduate Admissions and has been mutually determined with a community college as being acceptable toward completion of the UCI general education requirement shall incur any loss of credit in satisfaction of the requirement.

Transfer students are strongly advised to check with the academic counselor in their prospective major or the UCI Office of Undergraduate Admissions about courses that may be used to satisfy UCI requirements.

Transfer Students: Completion of the UCI General Education Requirement
The general education requirements specify the courses students must take or units they must accumulate in each area. However, each student should consider the general education recommendation for their major, as it may be more important to concentrate on completing the many prerequisites for the major that are screened for in the selection process. Students transferring to UCI must satisfy the UCI general education (GE) requirement by completing either:

a. The current UCI GE requirement;
b. one of the options listed in the Catalogue Rights section; or
c. the California Community College Intersegmental General Education Transfer Curriculum (IGETC); or
d. the California Community College Intersegmental General Education Transfer Curriculum for STEM.
Transfer students do not need to complete the UCI GE requirement prior to matriculating to UCI. The GE requirement, which must be completed prior to graduation, may be satisfied by college-level courses appropriate to UCI offerings and may be met at any time during the undergraduate years, except in the case of the lower-division writing requirement, which must be completed within the first three quarters of residency at UCI.

NOTE: UCI operates on the quarter system. For the purpose of counting courses for the UCI GE requirement, one semester course is equivalent to one quarter course, and two semester courses are equivalent to three quarter courses.

**Intersegmental General Education Transfer Curriculum**

California Community College transfer students may satisfy the UCI GE requirement by completing the Intersegmental General Education Transfer Curriculum (IGETC). The IGETC is a series of courses that California Community College students may complete to satisfy the freshman/sophomore level general education requirements before transferring to UCI. Fulfillment of the IGETC does not satisfy the UCI upper-division writing requirement.

Students who do not complete IGETC prior to transfer may be eligible for partial certification from their community college. Partial certification is defined as completing all but two (2) courses on the IGETC pattern. **Warning:** Students need to meet minimum UC transfer admission requirements. Therefore, partial certification that acknowledges a deficiency in Area 1 and/or Area 2 may also indicate a student does not meet minimum transfer requirements.

Please note:

a. IGETC must be completed in total or partial IGETC certification must be completed prior to enrolling at UCI;

b. students are responsible for requesting IGETC certification from their community college; and

c. the IGETC certification should be submitted to the UCI Office of Undergraduate Admissions no later than the end of the first quarter of UCI enrollment.

Courses used to fulfill the IGETC must be completed with a grade of C or better. (Courses may also be taken on a Pass/No Pass basis provided Pass is equal to a letter grade of C or better.)

Lists of specific approved courses which may be taken in fulfillment of the IGETC are available from California Community Colleges and at the ASSIST website (http://www.assist.org/web-assist/welcome.html).

**Intersegmental General Education Transfer Curriculum**

**Area 1. English Communication:** One course in English composition and one course in critical thinking/English composition.

**Area 2. Mathematical Concepts and Quantitative Reasoning:** One course.

**Area 3. Arts and Humanities:** Three courses with at least one from the arts and one from the humanities.

**Area 4. Social and Behavioral Sciences:** Three courses from at least two different disciplines, or an interdisciplinary sequence.

**Area 5. Physical and Biological Sciences:** One physical science course and one biological science course, at least one of which includes a laboratory.

**Area 6. Language Other Than English:** Proficiency equivalent to two years of high school courses in the same language.

**Intersegmental General Education Transfer Curriculum for STEM**

IGETC for STEM is a pattern of courses that California Community College students may complete to satisfy the lower-division GE requirements before transfer to UCI. IGETC for STEM is a separate IGETC track available for students planning to major in science, technology, engineering, or mathematics. UC will accept IGETC for STEM only if:

- The earned associate degree for transfer (ADT) is at a California Community College that offers IGETC for STEM as an option for those degrees

- the UC major program or college accepts partial IGETC certification.

Note: IGETC and IGETC for STEM are not an admission requirement. Completing it does not guarantee admission to UCI.

**Transferability of Credit**

The University of California awards unit credit for college courses completed at United States regionally accredited colleges and universities; or at a university recognized by the Ministry of Education (or higher-education authority/appropriate government agency) in another country that offers university-level academic degree program courses comparable to a U.S. associate’s or bachelor’s degree. To be accepted for credit, the courses must be comparable to those offered at any UC campus. All courses that meet the criteria are used in determining eligibility for admission. The transferability of coursework taken at other institutions for both newly admitted transfer students and for current UCI students who attend other institutions during summer sessions is determined by the Office of Undergraduate Admissions.

Although the Office of Undergraduate Admissions may award unit or subject credit for courses completed at another institution, the courses may not necessarily apply to specific UCI degree requirements (i.e., general education or major requirements). Contact a College, school or department advisor.
regarding specific credit applications and limitations. Also, be aware of the residence requirements, UCI Requirements section, which are specific to the College or School.

Courses for transfer must be reported on an official transcript from the original college/university and provided in a sealed envelope, or electronically submitted by a campus-acceptable vendor. UCI only accepts electronic transcripts from the following third party vendors: Parchment, Credentials eScripSafe.

The UCI Office of Undergraduate Admissions mailing address is:
UCI Office of Undergraduate Admissions
Attention Official Documents
Irvine, CA 92697-1075

An official transcript must bear the institution’s official seal and registrar’s signature.

Duplicate Credit is Prohibited. Students may not receive unit credit or earn grade points for college courses in which the content duplicates material of a previously completed course or examination for which credit has already been granted, with the exception of the repeat of deficient (C-/D/F) course grades. Students should be advised that college courses taken before or while attending UC may duplicate AP, IB, and/or A-Level examinations. Additionally, exams may duplicate each other (for example AP and IB in the same subject area). If a student does duplicate an exam of the same subject content and/or a college course, we will award credit only once. Exceptions related to Advanced Placement and International Baccalaureate credit (http://catalogue.uci.edu/informationforprospectivestudents/undergraduateadmissions/#advancedplacementandinternationalbaccalaureatecredittext) and repeat of deficient grades (http://catalogue.uci.edu/informationforadmittedstudents/academicregulationsandprocedures/#gradestext) can be found in their respective sections.

Limitations on Transfer Credit
Students will be granted up to 70 semester/105 quarter units of credit for lower-division coursework completed at any institution or combination of institutions. For units beyond the maximum, subject credit for appropriate coursework taken in excess of this unit limitation will be granted and may be used to satisfy requirements.

Please note:
1. Units earned through Advanced Placement, International Baccalaureate, and/or A-Level examinations are not included in the limitation and do not put applicants at risk of being denied admission.
2. Units earned at any University of California campus (summer, extension/continuing education, cross/concurrent, and regular academic year enrollment) are not included in the limitation but are added to the maximum transfer credit allowed and may put applicants at risk of being denied admission due to excessive units.

In addition, there is a limit to the number of units for which UC grants credit in the following areas:

- English as a Second Language courses: a maximum of 8 semester (12 quarter) units
- Physical education activity courses: a maximum of 4 semester (6 quarter) units

UCI Division of Continuing Education
UCI Division of Continuing Education (Extension) courses prefixed by XB, XD, XI, XR, XSB, and XSD are granted unit credit on the same basis as courses taken in residence at any accredited collegiate institution.

Students intending to transfer UCI Division of Continuing Education course credit for a degree at another college or university should verify acceptance of the course with that institution. Resident students of the University of California must obtain the consent of the dean of their school or college prior to enrolling for credit in a UCI Division of Continuing Education course. UCI Division of Continuing Education courses are not accepted as part of the residence requirements of the University. Grades earned at UCI Division of Continuing Education may, though not in all instances, be calculated as part of the University GPA.

Note: Decisions regarding the acceptability of extension courses taken in institutions other than the University of California rest with the UCI Office of Undergraduate Admissions. Decisions regarding the applicability of such courses toward specific degrees and majors rest with the student’s academic dean.

Important Resources for California Community College Students
Students anticipating transfer to UCI from a California Community College are urged to consult with their community college counselors. The counselors, with the aid of that college’s UC Transfer Course Agreement (UCTCA), can advise students about California Community College courses and units which will transfer to the University. In addition, staff in the UCI Office of Undergraduate Admissions can advise students about the transferability of courses. The ASSIST site (https://www.assist.org/) provides information regarding:

- University of California Transfer Course Agreements.
- Selected Major Preparation Articulation Agreements for all California Community Colleges.
• The agreements list all lower division course requirements for select majors at UCI and the courses students can complete at their community colleges that satisfy these requirements.
• Intersegmental General Education Transfer Curriculum (IGETC) course list.
  • IGETC enables students at California Community Colleges to complete UCI General Education requirements before transfer.

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.