

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 the time of reentry into a previous, accredited collegiate institution, provided that reentry was not more than four years prior to enrollment at UCI.

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

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

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

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

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:

- WRITING 50 and WRITING 60.
- WRITING 45 and WRITING 60. Recommended students only.
- 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.
- 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:

- 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.
- 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 Lab

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 Lab

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

DRAMA 116W

DRAMA 118W

DRAMA 126W

DRAMA 129W

DRAMA 180W

Earth System Science (EARTHSS)

EARTHSS 176W

EARTHSS 177W

EARTHSS 190CW

EARTHSS 198W

EARTHSS H198

East Asian Studies (EAS)

EAS 192W

Economics (ECON)

ECON 122CW

ECON 123CW

ECON 137W

ECON 142CW

ECON 145FW

ECON 153W

ECON 164AW

ECON 190BW

School of Education (EDUC)

EDUC 143AW

EDUC 143BW

EDUC 179W

English (ENGLISH)

ENGLISH 101W

Engineering (ENGR)

ENGR 190W

ENGR 196W

ENGR H196W

European Languages and Studies (EURO ST)

EURO ST 139W

EURO ST 190W

Film and Media Studies (FLM&MDA)

FLM&MDA 139W

French (FRENCH)

FRENCH 139W

German (GERMAN)

GERMAN 139W

GERMAN 140W

GERMAN 160W

GERMAN 170W

Global Middle East Studies (GLBL ME)

GLBL ME 100W

History (HISTORY)

HISTORY 100W

Humanities (HUMAN)

HUMAN H142W

Information and Computer Sci (I&C SCI)

I&C SCI 139W

Special Topics in Nineteenth-Century Dramas

Special Topics in Modern and Contemporary Drama

African American Film and Drama

Advanced Topics in Performance

Contemporary Dramatic Criticism and Theory

Marine Conservation, Policy, and Society

Documenting and Understanding Earth System Change

Writing/Senior Seminar on Global Sustainability III

Senior Thesis in Earth System Science

Honors Thesis in Earth System Science

Junior-Senior Seminar

Data Analysis Writing

Econometrics III

Financial Markets and the Macroeconomy

Industrial Organization III

Economics of the Environment II

Political Institutions, Legal Systems, and Economic Development

The Industrial Revolution in Western Europe

Economics Honors Colloquium II

Classroom Interactions I

Classroom Interactions II*

Advanced Writing for Education Sciences

Undergraduate Seminar in Critical Writing: Topics in Literary History

Communications in the Professional World

Engineering Thesis

Honors Thesis

Topics in European Culture and Society

Senior Seminar in European Studies

Writing on Film and Media

Literature and Society

Topics in German Literature, Culture, and Society

Topics in Literary Theory and Criticism

German Cinema

Topics in German Linguistics

Research and Writing for Global Middle East Studies

Writing About History

Senior Honors Colloquium

Critical Writing on Information Technology

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

POL SCI 190W

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) *

I&C SCI 33

I&C SCI 51

I&C SCI 61

Informatics (IN4MATX)

IN4MATX 12

Logic and Philosophy of Science (LPS)

LPS 29

LPS 31

LPS 40

LPS 60

LPS H81

LPS H91

LPS H123

Mathematics (MATH)

MATH 9

MATH 10

Medical Humanities Initiative (MED HUM)

MED HUM 3

Nursing Science (NUR SCI)

NUR SCI 50

Philosophy (PHILOS)

PHILOS 3

PHILOS 29

PHILOS 31

Pharmaceutical Sciences (PHRMSCI)

PHRMSCI H80

Physical Sciences (PHY SCI)

PHY SCI 9

Physics and Astronomy (PHYSICS)

PHYSICS 3A

PHYSICS 3B

PHYSICS 3C

PHYSICS 7C

PHYSICS 7D

PHYSICS 7E

PHYSICS 12

PHYSICS 14

PHYSICS 15

PHYSICS 18

PHYSICS 19

PHYSICS 20A

PHYSICS 20B

PHYSICS 20D

PHYSICS 20E

PHYSICS 21

PHYSICS H80

PHYSICS H90

Psychology (PSYCH)

PSYCH 122P

Public Health (PUBHLTH)

PUBHLTH 2

PUBHLTH 30

Intermediate Programming*

Introductory Computer Organization

Game Design Fundamentals

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

Critical Reasoning*

Introduction to Inductive Logic*

The Nature of Scientific Inquiry

The Making of Modern Science*

What is Space?

The Philosophy and Biology of Sex*

What is Disease?

Introduction to Programming for Numerical Analysis*

Introduction to Programming for Data Science*

Art and Medicine*

Nutrition Across the Lifespan

Technology and Society

Critical Reasoning*

Introduction to Inductive Logic*

Drugs and Society

Introduction to Computation for Scientists and Engineers*

Basic Physics I*

Basic Physics II*

Basic Physics III*

Classical Physics*

Classical Physics*

Classical Physics*

Science Fiction and Science Fact*

Energy and the Environment*

Physics of Music

How Things Work

Great Ideas of Physics

Introduction to Astronomy*

Cosmology: Humanity's Place in the Universe*

Space Science*

Life in the Universe*

Special Topics in Physics

Impact of World War I on Science

The Idiom and Practice of Science*

Clinical Psychophysiology

Case Studies in Public Health Practice

Introduction to Urban Environmental Health

PUBHLTH 60
PUBHLTH 80
PUBHLTH 90

Environmental Quality and Health
AIDS Fundamentals
Natural Disasters

Social Sciences (SOC SCI)

SOC SCI 11A

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

University Studies (UNI STU)

UNI STU H30A
UNI STU H30B
UNI STU H30F

Critical Analysis of Health Science Literature *
Environmental Issues Affecting the Sustainability of Societies I *
Cities: Focal Point for Sustainability Problems and Solutions II

III. Social and Behavioral Sciences

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

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

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

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

Students must complete three courses from the following list:

III. Social and Behavioral Sciences

African American Studies (AFAM)

AFAM 40A
AFAM 40B
AFAM 40C

African American Studies I *
African American Studies II *
African American Studies III *

Anthropology (ANTHRO)

ANTHRO 2A
ANTHRO 2B
ANTHRO 2C
ANTHRO 2D
ANTHRO 25A
ANTHRO 41A
ANTHRO 45A
ANTHRO 48

Introduction to Sociocultural Anthropology *
Introduction to Biological Anthropology
Introduction to Archaeology
Introduction to Language and Culture
Environmental Injustice *
Global Cultures and Society *
Science, Culture, Power
Archaeology or Aliens?: Conspiracy, Pseudoscience, and the Emergence of Civilizations *
Global Themes in Sikh Studies *
Environmental Anthropology
Controversies, Courts, Cultures: The Anthropology of Law

ANTHRO 60
ANTHRO 125C
ANTHRO 127

Art (ART)

ART 12C

Intelligences of Arts

Asian American Studies (ASIANAM)

ASIANAM 50
ASIANAM 51
ASIANAM 52
ASIANAM 53
ASIANAM 130

Asian American Histories *
The U.S. and Asia *
Asian American Communities *
Asian Americans and Race *
Undocumented Immigrant Experiences *

Biological Sciences (BIO SCI)

BIO SCI 48

The Mind-Body Connection in the Neuroscience of Well-Being *

Chicano/Latino Studies (CHC/LAT)

CHC/LAT 61
CHC/LAT 62
CHC/LAT 63
CHC/LAT 64
CHC/LAT 164A

Introduction to Chicano/Latino Studies I^{*}
Introduction to Chicano/Latino Studies II^{*}
Introduction to Chicano/Latino Studies III^{*}
Introduction to Race and Ethnicity in Political Science^{*}
Undocumented Immigrant Experiences^{*}

Criminology, Law and Society (CRM/LAW)

CRM/LAW C7
CRM/LAW C10
CRM/LAW H80
CRM/LAW C183
CRM/LAW C187

Introduction to Criminology, Law and Society
Fundamentals of Criminology, Law and Society
The Properties of Property
Controversies, Courts, Cultures: The Anthropology of Law
Undocumented Immigrant Experiences^{*}

Economics (ECON)

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

Introduction to Economics
The Internet and Public Policy^{*}
Global Economy^{*}
An Economic Approach to Religion
Basic Economics I
Basic Economics II
Basic Economics for Engineers

School of Education (EDUC)

EDUC 10
EDUC 25
EDUC 30
EDUC 40
EDUC 55

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

English (ENGLISH)

ENGLISH 11
ENGLISH 11C
ENGLISH H80
ENGLISH H81

Society, Law, and Literature^{*}
Society, Law, and Literature^{*}
Sanctuary: Medieval and Modern^{*}
What is a Person?

Civil and Environmental Engr (ENGRCEE)

ENGRCEE 40
ENGRCEE 60

Fundamentals of Economic Analysis for Scientists and Engineers
Contemporary and Emerging Environmental Challenges

European Languages and Studies (EURO ST)

EURO ST 10
EURO ST S10
EURO ST 11
EURO ST S11
EURO ST 12

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^{*}
What is the Origin of Language?^{*}

Game Design and Interactive Media (GDIM)

GDIM 41

Games and Society

Gender and Sexuality Studies (GEN&SEX)

GEN&SEX 60A
GEN&SEX 60B
GEN&SEX 60C

Gender and Science
Gender and Law
Gender and Religion^{*}

Global Middle East Studies (GLBL ME)

GLBL ME 60B
GLBL ME 60C

Social Sciences: Problems and Methods for Global Middle East Studies^{*}
Social Ecology and Sciences: Problems and Methods for Global Middle East Studies

History (HISTORY)

HISTORY 11

Genocide and Crimes Against Humanity Since WWII^{*}

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)

Asian American Histories*

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

The Vietnam War*

How Nations Remember

Internet Technologies and their Social Impact

The Internet and Public Policy*

Games and Society

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

Ethics, Technology, and Design

Introduction to Global Studies*

Global Cultures and Society*

Global Political Ideologies*

Global Economy*

Introduction to International Relations*

Global Political Economy*

Human Rights and Global Governance*

Global Environmental Issues*

The Philosophy of Sex

The Philosophy and Biology of Sex*

Jurisprudence and Constitutional Law

What Is Time?

Introduction to Linguistics*

Introduction to Phonology*

Introduction to Syntax*

Acquisition of Language

Introduction to Language and Culture

Health, Wellness, and Conception of the Body*

Basic Economics for Managers I

Basic Economics for Managers II

Introduction to Law and Society

The Philosophy of Sex

Introduction to Political Science: Political Analysis*

Introduction to Political Science: Micropolitics

Introduction to American Government

Introduction to Political Theory

Introduction to International Relations*

Global Political Ideologies*

Human Rights and Global Governance*

Introduction to Politics Around the World*

Introduction to Race and Ethnicity in Political Science*

Introduction to Law

PSCI 9

PSCI 11A

PSCI 11B

PSCI 11C

Psychology (PSYCH)

PSYCH 7A

PSYCH 9A

PSYCH 9B

PSYCH 9C

PSYCH 21A

PSYCH 46A

PSYCH 56L

PSYCH 78A

Public Health (PUBHLTH)

PUBHLTH 1

Religious Studies (REL STD)

REL STD 17

REL STD 60

REL STD 61

Social Sciences (SOC SCI)

SOC SCI 1A

SOC SCI H1E

SOC SCI H1F

SOC SCI H1G

SOC SCI 2A

SOC SCI 4A

SOC SCI 5A

SOC SCI 5D

SOC SCI 11A

SOC SCI 12

SOC SCI 15

SOC SCI 16

SOC SCI 17

SOC SCI 40

SOC SCI 70C

SOC SCI 78A

SOC SCI 78B

SOC SCI 78C

SOC SCI 133

Social Ecology (SOCECOL)

SOCECOL 1

SOCECOL H20A

SOCECOL H20B

SOCECOL H20C

Sociology (SOCIOL)

SOCIOL 1

SOCIOL 2

SOCIOL 3

SOCIOL 31

SOCIOL 62

SOCIOL 177C

Social Pol and Public Service (SPPS)

Introduction to Psychology

Psychology Fundamentals

Psychology Fundamentals

Psychology Fundamentals

Introduction to Psychology

Psychology Fundamentals

Psychology Fundamentals

Psychology Fundamentals

Adolescent Psychology

Introduction to Human Memory

Acquisition of Language

Self-Identity and Society

Principles of Public Health

An Economic Approach to Religion

Global Themes in Sikh Studies*

Gender and Religion*

Principles in the Social Sciences

Honors: Critical Issues on the Social Sciences

Honors: Critical Issues on the Social Sciences

Honors: Critical Issues on the Social Sciences

Introduction to Social Science Analysis

Introduction to Global Studies*

Introduction to Human Geography

US and World Geography*

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

Global Political Ideologies*

Global Political Economy*

Human Rights and Global Governance*

Global Environmental Issues*

Social Policy and Public Service

Comparing Cultures*

Asian American Histories*

Asian American Communities*

Asian Americans and Race*

Veterans' Transitions

Introduction to Social Ecology

Honors: Critical Issues on the Social Sciences

Honors: Critical Issues on the Social Sciences

Honors: Critical Issues on the Social Sciences

Introduction to Sociology*

Globalization*

Social Problems*

Self-Identity and Society

Families and Intimate Relations

Undocumented Immigrant Experiences*

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

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

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

African American Studies I *

African American Studies II *

African American Studies III *

Arabic (ARABIC)

ARABIC 51

Introduction to the Koran *

Art (ART)

ART 1A

ART 1B

ART 1C

ART 8

ART 9A

ART 9B

ART 9C

ART 12A

ART 12B

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

Art History (ART HIS)

ART HIS 30

ART HIS 40A

ART HIS 40B

ART HIS 40C

ART HIS 42A

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 *

ART HIS 42B

ART HIS 42C

ART HIS 42D

ART HIS 42E

ART HIS 42F

ART HIS 44

ART HIS 55

Arts (ARTS)

ARTS 1

ARTS H81

Asian American Studies (ASIANAM)

ASIANAM 50

ASIANAM 51

ASIANAM 54

ASIANAM 55

Classics (CLASSIC)

CLASSIC 36A

CLASSIC 36B

CLASSIC 36C

CLASSIC 37A

CLASSIC 37B

CLASSIC 37C

CLASSIC 45A

CLASSIC 45B

CLASSIC 45C

Comparative Literature (COM LIT)

COM LIT 3

COM LIT 8

COM LIT 9

COM LIT 10

COM LIT 60A

COM LIT 60B

COM LIT 60C

Dance (DANCE)

DANCE 80

DANCE 81

DANCE 90A

DANCE 90B

DANCE 90C

Drama (DRAMA)

DRAMA 10

DRAMA 11

DRAMA 12

DRAMA 13

DRAMA 15

DRAMA 16

DRAMA 20A

DRAMA 20B

DRAMA 20C

DRAMA 22

History of Asian Art: Arts of China*

History of Asian Art: Arts of Japan*

History of Asian Art: Arts of Islam*

Art and Archaeology of Ancient Persia, Egypt, and Mesopotamia*

Arts of Korea*

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

Disneyland*

ArtsCore

Improvisation and Modes of Research / Creative Expression

Asian American Histories*

The U.S. and Asia*

Asian American Stories*

Asian Americans and the Media*

The Formation of Ancient Greek Society: Early Greece

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

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

The Formation of Ancient Roman Society: Origins to Roman Republic

The Formation of Ancient Roman Society: Roman Empire

The Formation of Ancient Roman Society: The Fall of Rome

Classical Mythology: The Gods

Classical Mythology: The Heroes

Classical Mythology: Ancient and Modern Perspectives of Classical Mythology

Just Reading: Developing the Reading Experience*

Travels in Comparative Literature

Introduction to Multiculturalism*

Topics in World Literature*

World Literature*

Reading with Theory*

Cultural Studies*

Introduction to Ballet and Modern Dance*

American Ballet and Modern Dance since 1900

Dance History I*

Dance History II*

Dance History III

Introduction to Theatre

The Rock and Roll Spectacle Show

Music Theatre Today

Food, Film, Power*

Performance Now

Performing Culture

Culture in Performance

Culture in Performance

Culture in Performance

Applied Improvisation

DRAMA 40A

DRAMA 40B

DRAMA 40C

East Asian Studies (EAS)

EAS 20

EAS 40

EAS 55

EAS H84

English (ENGLISH)

ENGLISH 8

ENGLISH 9

ENGLISH 10

ENGLISH 10B

ENGLISH 11

ENGLISH 11C

ENGLISH 12

ENGLISH 16

ENGLISH 17

ENGLISH H80

European Languages and Studies (EURO ST)

EURO ST 9

EURO ST 10

EURO ST S10

EURO ST 11

EURO ST S11

EURO ST 12

EURO ST 13

Film and Media Studies (FLM&MDA)

FLM&MDA H80

FLM&MDA 85A

FLM&MDA 85B

FLM&MDA 85C

French (FRENCH)

FRENCH 50

Gender and Sexuality Studies (GEN&SEX)

GEN&SEX 20

GEN&SEX 50A

GEN&SEX 50B

GEN&SEX 50C

Global Middle East Studies (GLBL ME)

GLBL ME 60A

Hebrew (HEBREW)

HEBREW 50

History (HISTORY)

HISTORY 5

HISTORY 10

HISTORY 12

HISTORY 15A

HISTORY 15C

HISTORY 15D

HISTORY 15F

Development of Drama*

Development of Drama*

Development of Drama*

Topics in Asian Religions*

Topics in East Asian Popular Culture*

Introduction to East Asian Cultures*

Traveling East/West

Multicultural American Literature*

Shakespeare

Topics in English and American Literature

Topics in English and American Literature

Society, Law, and Literature*

Society, Law, and Literature*

Young Adult Fiction

The Craft of Poetry

The Craft of Fiction

Sanctuary: Medieval and Modern*

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*

What is the Origin of Language?*

Topics in Contemporary Europe (1945 – Today)*

Honors Seminar: Race Sport Media*

Introduction to Film and Visual Analysis

Broadcast Media History and Analysis

New Media and Digital Technologies

Topics in French Culture and the Modern World*

Introduction to Queer Studies*

Gender and Feminism in Everyday Life*

Gender and Power*

Gender and Popular Culture*

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

Jewish and Israeli Culture*

Truth, Lies, and History: The Uses of the Past

The Holocaust*

Introductory Topics in History

Native American History*

Asian American Histories*

History of Sexuality in the US*

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

HISTORY 16A	World Religions I *
HISTORY 16B	World Religions II *
HISTORY 16C	Religious Dialogue *
HISTORY 18A	Major Jewish Texts *
HISTORY 21A	World: Innovations *
HISTORY 21B	World: Empires and Revolutions *
HISTORY 21C	World: Nation, War, and Rights *
HISTORY 36A	The Formation of Ancient Greek Society: Early Greece
HISTORY 36B	The Formation of Ancient Greek Society: Late Archaic and Classical Greece
HISTORY 36C	The Formation of Ancient Greek Society: Fourth-Century and Hellenistic Greece
HISTORY 37A	The Formation of Ancient Roman Society: Origins to Roman Republic
HISTORY 37B	The Formation of Ancient Roman Society: Roman Empire
HISTORY 37C	The Formation of Ancient Roman Society: The Fall of Rome
HISTORY 40A	Colonial America: New Worlds
HISTORY 40B	Nineteenth-Century U.S.: Crisis and Expansion
HISTORY 40C	Modern America: Culture and Power
HISTORY 50	Crises and Revolutions *
HISTORY 60	The Making of Modern Science *
HISTORY 70A	Problems in History: Asia *
HISTORY 70B	Problems in History: Europe *
HISTORY 70C	Problems in History: United States
HISTORY 70D	Problems in History: Latin America *
HISTORY 70E	Problems in History: Middle East and Africa *
HISTORY 70F	Problems in History: Transregional History *
Humanities (HUMAN)	
HUMAN 1A	Humanities Core Lecture
HUMAN 1B	Humanities Core Lecture
HUMAN 1C	Humanities Core Lecture *
HUMAN B1A	Humanities Core Biological Sciences Lecture
HUMAN 10	Masterpieces of Literature *
HUMAN H80	Exploring Memory
HUMAN H81	The Vietnam War *
HUMAN H84	Traveling East/West
Italian (ITALIAN)	
ITALIAN 50	Topics in Italian Culture *
Literary Journalism (LIT JRN)	
LIT JRN 20	Introduction to Literary Journalism
Logic and Philosophy of Science (LPS)	
LPS 60	The Making of Modern Science *
Medical Humanities Initiative (MED HUM)	
MED HUM 1	Health, Wellness, and Conception of the Body *
MED HUM 3	Art and Medicine *
Music (MUSIC)	
MUSIC 3	Introduction to Music
MUSIC 4	Introduction to Opera
MUSIC 5	Popular Music in the United States
MUSIC 8	The Beatles and the Sixties
MUSIC 9	Rock: The Early Years
MUSIC 25	Fundamentals of Music
MUSIC 40B	History of European Music: From the Renaissance through the Baroque *

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 **Va** and **Vb**.

Va. Quantitative Literacy

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

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

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

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

Va. Quantitative Literacy

Anthropology (ANTHRO)

ANTHRO 10A

Probability and Statistics

ANTHRO 10B

Probability and Statistics

Biomedical Engineering (BME)

BME 3

Engineering Innovations in Treating Diabetes *

Chemistry (CHEM)

CHEM 1A

General Chemistry *

CHEM 1B

General Chemistry *

CHEM 1C

General Chemistry *

CHEM H2A

Honors General Chemistry *

CHEM H2B

Honors General Chemistry *

CHEM H2C

Honors General Chemistry *

CHEM M2A

Majors General Chemistry Lecture *

CHEM M2B

Majors General Chemistry Lecture *

CHEM M2C

Majors General Chemistry Lecture *

CHEM M3C

Majors Quantitative Analytical Chemistry *

CHEM 12

Chemistry Around Us *

CHEM 14

Sense and Sensibility in Science *

CHEM H90

The Idiom and Practice of Science *

Cognitive Sciences (COGS)

COGS 10A

Exploratory Data Analysis

COGS 10B

Probability and Inference

Earth System Science (EARTHSS)

EARTHSS 1

Introduction to Earth System Science *

EARTHSS 3

Oceanography *

EARTHSS 5

The Atmosphere *

EARTHSS 7

Physical Geology *

EARTHSS 15

Introduction to Global Climate Change *

EARTHSS 17

Hurricanes, Tsunamis, and Other Catastrophes *

EARTHSS 21

On Thin Ice: Climate Change and the Cryosphere *

EARTHSS 23

Air Pollution: From Urban Smog to Global Change *

EARTHSS 40A

Earth System Chemistry *

EARTHSS 40C

Earth System Physics *

Economics (ECON)

ECON 15A

Probability and Statistics in Economics I

ECON 15B

Probability and Statistics in Economics II

School of Education (EDUC)

EDUC 15

Statistics for Education Research

Game Design and Interactive Media (GDIM)

GDIM 31

Introduction to Programming for Games

GDIM 32

Intermediate Programming for Games

Information and Computer Sci (I&C SCI)

I&C SCI 7

Spreadsheets for Problem-Solving

I&C SCI 9

I&C SCI 32

I&C SCI 32A

Logic and Philosophy of Science (LPS)

LPS 31

Management (MGMT)

MGMT 7

Philosophy (PHILOS)

PHILOS 31

Physical Sciences (PHY SCI)

PHY SCI 9

Physics and Astronomy (PHYSICS)

PHYSICS 3A

PHYSICS 3B

PHYSICS 3C

PHYSICS 7C

PHYSICS 7D

PHYSICS 7E

PHYSICS 12

PHYSICS 14

PHYSICS 20A

PHYSICS 20B

PHYSICS 20D

PHYSICS 20E

PHYSICS H90

Psychology (PSYCH)

PSYCH 10A

PSYCH 10B

Public Health (PUBHLTH)

PUBHLTH 7A

PUBHLTH 7B

Social Sciences (SOC SCI)

SOC SCI 10A

SOC SCI 10B

Social Ecology (SOCECOL)

SOCECOL 13

Sociology (SOCIOL)

SOCIOL 10A

SOCIOL 10B

Statistics (STATS)

STATS 7

STATS 8

STATS 67

University Studies (UNI STU)

UNI STU H30A

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 Inductive Logic*

Introduction to Computation for Scientists and Engineers*

Basic Physics I*

Basic Physics II*

Basic Physics III*

Classical Physics*

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*

Vb. Formal Reasoning

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

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

- understand the concept and purpose of formal languages such as propositional and first-order logic, simple programming languages, mathematical models or linguistic formalisms;
- possess an elementary grasp of the power and limits of formal methods; and be able to do one or both of the following:

- apply formal tools of logic or mathematics to the analysis and evaluation of everyday and/or scientific arguments, texts, and communicative situations;
- apply basic algorithms for the generation of logical deductions, linguistic structures, or computational processes.

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

Vb. Formal Reasoning

Anthropology (ANTHRO)

ANTHRO 10C

Probability and Statistics

Cognitive Sciences (COGS)

COGS 10C

Statistical Models

Earth System Science (EARTHSS)

EARTHSS 19

Introduction to Modeling the Earth System*

European Languages and Studies (EURO ST)

EURO ST 12

What is the Origin of Language?*

Information and Computer Sci (I&C SCI)

I&C SCI 6B

Boolean Logic and Discrete Structures

I&C SCI 6D

Discrete Mathematics for Computer Science

I&C SCI 6N

Computational Linear Algebra*

I&C SCI 9

Introduction to Computation for Scientists and Engineers*

I&C SCI 31

Introduction to Programming*

I&C SCI 32

Programming with Software Libraries*

I&C SCI 32A

Python Programming and Libraries (Accelerated)*

I&C SCI 33

Intermediate Programming*

I&C SCI 46

Data Structure Implementation and Analysis

Logic and Philosophy of Science (LPS)

LPS 29

Critical Reasoning*

LPS 30

Introduction to Symbolic Logic

Language Science (LSCI)

LSCI 3

Introduction to Linguistics*

LSCI 10

Introduction to Phonology*

LSCI 20

Introduction to Syntax*

LSCI 43

Introduction to Symbolic Logic

Mathematics (MATH)

MATH 2A

Single-Variable Calculus I

MATH 2B

Single-Variable Calculus II

MATH 2D

Multivariable Calculus I

MATH H2D

Honors Multivariable Calculus I

MATH 3A

Introduction to Linear Algebra

MATH 5A

Calculus for Life Sciences I

MATH 5B

Calculus for Life Sciences II

MATH 7A

Single-Variable Calculus I

MATH 7B

Single-Variable Calculus II

MATH 9

Introduction to Programming for Numerical Analysis*

MATH 10

Introduction to Programming for Data Science*

Philosophy (PHILOS)

PHILOS 2

Puzzles and Paradoxes*

PHILOS 29

Critical Reasoning*

PHILOS 30

Introduction to Symbolic Logic

Physical Sciences (PHY SCI)

PHY SCI 9

Introduction to Computation for Scientists and Engineers*

Psychology (PSYCH)

PSYCH 10C

Statistical Models

Social Sciences (SOC SCI)

SOC SCI 10C

Probability and Statistics in Social Sciences III

Sociology (SOCIOL)

SOCIOL 10C

Probability and Statistics

Statistics (STATS)

STATS 6

Introduction to Data Science

University Studies (UNI STU)

UNI STU H30B

Environmental Issues Affecting the Sustainability of Societies I *

VI. Language Other Than English

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

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

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

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

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

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

VI. Language Other Than English**Arabic (ARABIC)**

ARABIC 1C

Fundamentals of Arabic

Armenian (ARMN)

ARMN 1C

Elementary Armenian

Chinese (CHINESE)

CHINESE 1C

Fundamental Mandarin Chinese

CHINESE 1MC

Fundamentals of Mandarin Chinese - Mandarin Background Track

CHINESE S1BC

Fundamentals of Mandarin Chinese

French (FRENCH)

FRENCH 1BC

Intensive Fundamentals of French

FRENCH 1BCSP

Accelerated Fundamentals of French for Spanish Speakers

FRENCH 1C

Fundamentals of French

FRENCH S1BC

Intensive Fundamentals of French

German (GERMAN)

GERMAN 1BC

Intensive German Fundamentals

GERMAN 1C

Fundamentals of German

GERMAN S1BC

Fundamentals of German

Greek (GREEK)

GREEK 1C

Classical and Biblical Greek

Italian (ITALIAN)

ITALIAN 1BC

Intensive Fundamentals of Italian

ITALIAN 1BCSP

Accelerated Fundamentals of Italian for Spanish Speakers

ITALIAN 1C

Fundamentals of Italian

Japanese (JAPANESE)

JAPANESE 1C

Fundamental Japanese

JAPANESE S1BC

Fundamentals of Japanese

Korean (KOREAN)

KOREAN 1C

Fundamental Korean

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

Environmental Injustice*
 Global Themes in Sikh Studies*
 Cross-Cultural Studies of Gender
 Race, Gender, and Science
 The Woman and the Body
 Indian North America

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

Asian American Histories*
 Asian American Communities*
 Asian Americans and Race*
 Asian American Stories*
 Asian Americans and the Media*
 Undocumented Immigrant Experiences*
 The Politics of Protest

Introduction to Chicano/Latino Studies I*
 Introduction to Chicano/Latino Studies II*
 Introduction to Chicano/Latino Studies III*
 Introduction to Race and Ethnicity in Political Science*
 Ethnic and Immigrant America
 Latinos in U.S. Politics
 Latino Metropolis
 Feminisms of Color
 Gender and Ethnicity: Chicana/Latina Feminisms in the US
 U.S. Immigration Policy
 Undocumented Immigrant Experiences*
 Latinos in a Global Society
 Chicano/Latino Social Psychology
 Race, Gender, and Science
 Health and the Latino Paradox
 Multicultural Education in K-12 Schools

Introduction to Multiculturalism*

Undocumented Immigrant Experiences*

Food, Film, Power*

Multicultural Education in K-12 Schools
 Classroom Interactions II*

Multicultural American Literature*

Honors Seminar: Race Sport Media*

Introduction to Queer Studies*
 Gender and Feminism in Everyday Life*
 Gender and Power*
 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

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

History of Jazz *

Dilemmas of Diversity

Introduction to Race and Ethnicity in Political Science *

The Politics of Protest

Latinos in U.S. Politics

U.S. Immigration Policy

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

FRENCH 2BC

FRENCH 2C

FRENCH S2AB

FRENCH S2BC

FRENCH 50

Gender and Sexuality Studies (GEN&SEX)

GEN&SEX 60C

German (GERMAN)

GERMAN 2A

GERMAN 2B

GERMAN 2C

Global Middle East Studies (GLBL ME)

GLBL ME 60A

GLBL ME 60B

GLBL ME 60C

Hebrew (HEBREW)

HEBREW 50

History (HISTORY)

HISTORY 10

HISTORY 11

HISTORY 16A

HISTORY 16B

HISTORY 16C

HISTORY 18A

HISTORY 21A

HISTORY 21B

HISTORY 21C

HISTORY 50

HISTORY 70A

HISTORY 70B

HISTORY 70D

HISTORY 70E

HISTORY 70F

Humanities (HUMAN)

HUMAN 1C

HUMAN 10

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

INTL ST 122

INTL ST 145A

INTL ST 158B

INTL ST 162B

INTL ST 183E

Intensive Intermediate French

Intermediate French

Intermediate French

Intermediate French

Topics in French Culture and the Modern World*

Gender and Religion*

Intermediate German

Intermediate German

Intermediate German

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

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

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

Jewish and Israeli Culture*

The Holocaust*

Genocide and Crimes Against Humanity Since WWII*

World Religions I*

World Religions II*

Religious Dialogue*

Major Jewish Texts*

World: Innovations*

World: Empires and Revolutions*

World: Nation, War, and Rights*

Crises and Revolutions*

Problems in History: Asia*

Problems in History: Europe*

Problems in History: Latin America*

Problems in History: Middle East and Africa*

Problems in History: Transregional History*

Humanities Core Lecture*

Masterpieces of Literature*

Introduction to Global Studies*

Global Cultures and Society*

Global Political Ideologies*

Global Economy*

Introduction to International Relations*

Global Political Economy*

Human Rights and Global Governance*

Global Environmental Issues*

Nuclear Environments

International Law

Peoples of the Pacific

Peoples and Cultures of Post-Soviet Eurasia

Conflict Resolution in Cross-Cultural Perspective

Italian (ITALIAN)

ITALIAN 2A	Intermediate Italian
ITALIAN 2B	Intermediate Italian
ITALIAN 2C	Intermediate Italian
ITALIAN 50	Topics in Italian Culture *

Japanese (JAPANESE)

JAPANESE 2A	Intermediate Japanese
JAPANESE 2B	Intermediate Japanese
JAPANESE 2C	Intermediate Japanese
JAPANESE S2AB	Intermediate Japanese
JAPANESE S2BC	Intermediate Japanese
JAPANESE 3A	Advanced Japanese
JAPANESE 3B	Advanced Japanese
JAPANESE 3C	Advanced Japanese

Korean (KOREAN)

KOREAN 2A	Intermediate Korean
KOREAN 2B	Intermediate Korean
KOREAN 2C	Intermediate Korean
KOREAN 2KB	Intermediate Korean for Students with a Previous Background in Korean
KOREAN 2KC	Intermediate Korean for Students with a Previous Background in Korean
KOREAN 3A	Advanced Korean
KOREAN 3B	Advanced Korean
KOREAN 3C	Advanced Korean

Language Science (LSCI)

LSCI 1	Languages of the World
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Management (MGMT)

MGMT 111	China and the Global Order
MGMT 128	International Management

Music (MUSIC)

MUSIC 40B	History of European Music: From the Renaissance through the Baroque *
MUSIC 40C	History of European Music: Hasse to Mahler *
MUSIC 40D	20th Century Music *
MUSIC 42	Music and Gender *
MUSIC 44	Classical Music in Society *

Persian (PERSIAN)

PERSIAN 2A	Intermediate Persian
PERSIAN 2B	Intermediate Persian
PERSIAN 2C	Intermediate Persian
PERSIAN 50	Persian Culture *

Political Science (POL SCI)

POL SCI 11A	Introduction to Political Science: Political Analysis *
POL SCI 41A	Introduction to International Relations *
POL SCI 44B	Global Political Ideologies *
POL SCI 45A	Human Rights and Global Governance *
POL SCI 51A	Introduction to Politics Around the World *
POL SCI 141B	International Political Economy
POL SCI 141C	International Political Economy of East Asia
POL SCI 147E	Critical Investigations into Humanitarianism in Africa
POL SCI 154F	Peoples and Cultures of Post-Soviet Eurasia
POL SCI 154G	Conflict Resolution in Cross-Cultural Perspective
POL SCI 172A	International Law

Public Health (PUBHLTH)

PUBHLTH 168

PUBHLTH 170

PUBHLTH 174

Religious Studies (REL STD)

REL STD 5A

REL STD 5B

REL STD 5C

REL STD 60

REL STD 61

Russian (RUSSIAN)

RUSSIAN 2A

RUSSIAN 2B

RUSSIAN 2C

RUSSIAN 50

Social Sciences (SOC SCI)

SOC SCI 4A

SOC SCI 5D

SOC SCI 12

SOC SCI 15

SOC SCI 16

SOC SCI 17

SOC SCI 183E

Social Ecology (SOCECOL)

SOCECOL E127

Sociology (SOCIOL)

SOCIOL 2

SOCIOL 44

Spanish (SPANISH)

SPANISH 2A

SPANISH 2B

SPANISH 2C

SPANISH S2AB

SPANISH S2BC

SPANISH 3

SPANISH 50

SPANISH 60E

SPANISH 60S

SPANISH 61

Social Pol and Public Service (SPPS)

SPPS 102

Vietnamese (VIETMSE)

VIETMSE 2A

VIETMSE 2B

VIETMSE 2C

Nuclear Environments

Introduction to Global Health

Global Health Ethics

World Religions I *

World Religions II *

Religious Dialogue *

Global Themes in Sikh Studies *

Gender and Religion *

Intermediate Russian

Intermediate Russian

Intermediate Russian

Topics in Russian Culture *

Introduction to Global Studies *

US and World Geography *

Global Political Ideologies *

Global Political Economy *

Human Rights and Global Governance *

Global Environmental Issues *

Conflict Resolution in Cross-Cultural Perspective

Nuclear Environments

Globalization *

Births, Deaths, and Migration

Intermediate Spanish

Intermediate Spanish

Intermediate Spanish

Intermediate Spanish

Intermediate Spanish

US Latino Communities

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

Mexico and Central America: A Survey *

Mexico and Central America: A Survey *

The Culture of the Visual Image in Latin America *

Critical Investigations into Humanitarianism in Africa

Intermediate Vietnamese

Intermediate Vietnamese

Intermediate Vietnamese

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

- 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.
- 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.
- 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.
- 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:

- Score 3 or higher on the College Board Advanced Placement (AP) Examination in English (Language or Literature) or Research or Seminar; *or*
- 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 A: Literature, Language and Literature, or Literature and Performance exam; *or*
- 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*
- Score 680 or higher on the Writing Section of the SAT Reasoning Test (last administered January 2016); *or*
- Score 30 or higher on ACT English Language Arts; *or*
- Score 63 or higher on the ACT, English Plus Reading; *or*
- Score 30 or higher on ACT Combined English/Writing (last administered June 2015); *or*
- 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:

- 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.
- 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:

- 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.)
- 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:

- 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*
- Achieving a score of 3, 4, or 5 on the College Board Advanced Placement Examination in United States History; *or*
- Achieving a score of 550 or better on the SAT Subject Test United States History; *or*
- Achieving a score of 5, 6, or 7 on the IB History of the Americas examination; *or*
- 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 AND
- 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 eScrip-Safe.

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.