

# THE BACHELOR'S DEGREE

## Preparation

**English Placement Test (EPT)**, which students take before registration in their first semester (unless exempt — see Admission Information, “Placement/Proficiency Tests”), assesses entering students’ reading and writing skills to determine appropriate course(s). Students who do not demonstrate college-level skills will be directed into the appropriate course(s) to help them attain these skills during their first semester(s) of enrollment. Students who demonstrate proficiency are eligible to enroll in the general education written communication course.

**Mathematics.** Unless exempt (see Admission Information, “Placement/Proficiency Tests”), all students must take the Entry Level Mathematics (ELM) exam before registration in their first semester. The ELM assesses skill levels typically attained in three years of college preparatory mathematics courses. Those not demonstrating college-level skills will be directed into appropriate courses to help them attain these skills during their first semester(s) of enrollment. Those demonstrating college-level proficiency are eligible to enroll in the general education mathematics/quantitative reasoning course.

## Requirements

Students’ baccalaureate programs must conform to specific guidelines:

**Limits.** In certain kinds of courses, only a limited number of units apply toward graduation requirements. For instance, no more than six units in intercollegiate athletics courses may count toward graduation.

**Residency Requirement.** For both BA and BS degrees, students must earn a minimum of 30 units in regular courses at Humboldt. Of those 30 units, 24 must be upper division, and 12 of the upper division units must be in the major. All students must earn at least nine units of general education at Humboldt. None of these resident course units may be satisfied through extension, [24 units of Open University courses excepted], or credit earned through examination.

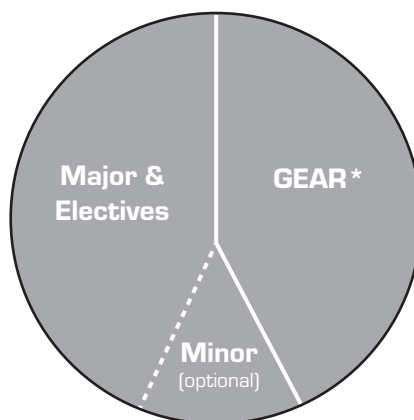
**Grade Point Average.** A minimum cumulative grade point average (GPA) of 2.0 is required in all work taken for the degree, all work taken at Humboldt, and all work taken in the major.

**Graduation Writing Requirement.** All students must demonstrate competency in writing skills as a requirement for graduation. Information on currently available ways to meet this graduation requirement may be obtained from the Graduation Writing Proficiency Examination (GWPE) website. The GWPE is an evaluation of writing skills used to determine whether students have attained a level of proficiency necessary to obtain a bachelor’s degree. All students should take the GWPE before their last semester and must pass this test to graduate.

Students may take the GWPE after completing 60 semester units (junior standing) in addition to completing a GE area A1 written communication course (or an equivalent college composition course with a grade of C- or better). For additional information about the GWPE, please visit [humboldt.edu/gwpe](http://humboldt.edu/gwpe).

## Components of the Degree

The undergraduate (or baccalaureate) degree program has two forms: the Bachelor of Arts (BA) and the Bachelor of Science (BS). Both degrees require a minimum of 120 semester units. For the BA degree, at least 40 of these units must be upper division (HSU courses numbered 300-499).



\* *General Education & All-University Requirements: Lower Division General Education, Upper Division General Education, Diversity and Common Ground, American Institutions*

## General Education & All-University Requirements

The general education and all-university (GEAR) component requires a minimum of 48 units. Some of these units may simultaneously satisfy major, minor, or diversity & common ground (DCG) requirements. General education (GE) courses meet CSU breadth requirements and help students meet the goals of the bachelor’s degree program. The GEAR component educates students in three ways:

- By developing the ability to think and communicate clearly and effectively;
- By acquiring knowledge about the arts, humanities, science, and society; and
- By understanding the methods, principles, and processes of human inquiry.

Within various disciplines, GEAR courses enable the student to explore fundamental knowledge, perspectives, methods of inquiry, assumptions, and values. Such exploration helps the student perceive relationships between the disciplines in preparation for lifelong commitment to scholarship and learning.

### Important Provisions

- Students may elect to take approved GEAR courses offered by their major department.
- Other Humboldt courses may not be substituted for the approved GEAR courses on the following pages.
- Students must complete GE Basic Subjects and Mathematical Concepts/Quantitative Reasoning courses with grades of C- or higher.
- Students must complete GE Basic Subjects (area A) and Mathematical Concepts/Quantitative Reasoning courses (a portion of area B) by the time they earn 60 units. Transfer students who come to HSU with more than 30 units must complete these courses by the time they earn 30 units at Humboldt.

Information and advice regarding GE requirements are available from your advisor and at the Academic & Career Advising Center, GH 114.

### Lower Division Component

Students must complete a minimum of 36 lower division units in approved GE courses. These break down to a minimum of nine units

in each of four areas, designated A, B, C, and D. Each area has specific requirements and outcomes, described on the following pages.

In addition, all students need three units in an area E course (lifelong learning and self-development). Students with a catalog year of 2018-19 or later must be able to complete the GE area E requirement through lower division units. Upper division GE area E courses will not be offered after fall semester 2020.

### Upper Division Component

Upper division GE courses build upon knowledge and abilities developed in lower division GE courses. Students must complete nine upper division units: three units each from areas B, C, and D, taken no sooner than the semester during which they will attain junior status (60 units). Upper division "309" courses address outcomes of more than one GE area, but can only be used to satisfy one area.

### Transfer Students

Students who transfer to Humboldt from a California Community College, and who have followed the approved CSU or IGETC general education pattern, may satisfy up to 39 semester units of GE with transfer coursework. Transfer students from accredited private or non-California colleges will have their transfer courses applied to GE through individual review of transcripts.

Send transcripts of all previous work to the Office of Admissions. A Degree Audit Report for Students (DARS) will be made available at the time of orientation or initial enrollment that indicates how courses taken elsewhere apply to Humboldt's all-university requirements (general education, American institutions, diversity and common ground, unit minimums and limits, etc.) and in many cases, the major program. The DARS report also reflects HSU courses completed and in progress, and is available to enrolled students whose first term of enrollment was fall 2003 or later.

Students who have completed an Associate Degree for Transfer under the Student Achievement Reform (STAR) Act should check with the Office of the Registrar to determine whether HSU offers the parallel bachelor's degree.

A minimum of nine units of GE coursework must be completed in residence (i.e. at Humboldt) to satisfy the residency requirement.

## Majors, Minors, Electives

The **major** provides depth of study. For the BA (Bachelor of Arts) degree, the major consists of a minimum of 33 semester units. At least 12 units in the major must be upper division level. For the BS (Bachelor of Science) degree, a major requires a minimum of 36 semester units, with at least 18 upper division units.

Major programs must be approved by the university. A list of approved baccalaureate or undergraduate majors offered at Humboldt State appears at the beginning of the Academic Programs section in this catalog and is followed by detailed descriptions of the majors.

A major contract approved by the student's advisor and department chair must be submitted to the Office of the Registrar when a student applies for graduation or earlier. The major contract lists courses required for the major, including transfer courses and substitutions that have been reviewed and approved. Students should work with their academic advisor to develop a major contract before they have completed 90 units.

The **minor** is similar to the major but less comprehensive. Although a minor is not required for graduation, many students find a minor complements their studies and enhances their career opportunities.

A minor consists of 15-30 units, six of which must be upper division. A minimum 2.0 (C) GPA is required. Courses used for a minor can also be used for general education.

Students are generally prohibited from earning a major and minor from the same degree program. Exceptions can be made in combinations in which:

1. at least 9 units required for the minor are not already required for the major. In cases where there are "options" within the minor or major, a student must take options such that at least 9 units for the minor are not counted towards the major, and
2. the major and minor must be distinctly different programs.

Although minors are posted on the transcript, they are not listed on the diploma. A minor cannot be posted if completed after the degree has been awarded. It must be completed in conjunction with a degree or credential program.

Students choose **elective** courses (outside of specific degree requirements) to fulfill total

unit requirements for the degree. An elective component may be part of the degree, depending on the chosen major and/or minor.

Because electives do not meet specific requirements, a student may use them to pursue individual goals and interests. A student also may use electives to complete a minor. Most Humboldt courses may be taken as electives.

### Guidelines for Completing Graduation Requirements in Four Years

In general, 15 units per semester each fall and spring semester leads to graduation in four years.

**Declare a major** at the time of admission or during your first semester. A major change may increase the time to degree.

Satisfactorily **complete a minimum of 30 non-remedial semester units per year**. A minimum grade point average of 2.0 is needed to graduate.

**Meet each semester with your assigned academic advisor** to plan an appropriate course of study. Also, meet with an Office of the Registrar Transfer & Graduation Counselor (Office of the Registrar, SBS 133) each semester to review academic progress.

**Pass the Graduation Writing Proficiency Exam (GWPE)** as soon as possible after completion of 60 semester units.

**Apply for graduation** at least three semesters prior to graduation.

**Participate in early registration** each semester, and refrain from withdrawing and/or taking educational leaves

See your major academic plans available at: [humboldt.edu/programs/type](http://humboldt.edu/programs/type)



# GENERAL EDUCATION & ALL-UNIVERSITY REQUIREMENTS

Make sure you have a copy of your DARS report handy to view all degree requirements!

Did you know? Many of the GEAR courses can fulfill two requirements at once: (GE/Major, GE/Minor, GE/DCG, GE/AI)

At least 9 of your GE units must be completed at HSU

	COURSE	UNITS	TERM & YEAR	GRADE	CAMPUS		
G E N E R A L  E D U C A T I O N	<b>A BASIC SUBJECTS   9 units   Page 69</b>					Complete with a C- or higher within first 60 units.	
	Written Communication (A1)						
	Oral Communication (A2)						
		Critical Thinking (A3)					(Within first 30 units for transfer students)
	<b>B MATH &amp; SCIENCE   9 units   Page 70</b>						
		Math Concepts					
		Life Forms					
		Physical Universe					
		<b>C ARTS &amp; HUMANITIES   9 units   Page 71</b>					
		Arts (C1)					
	Humanities (C2)						
	Arts OR Humanities (C1 or C2)						
	<b>D SOCIAL SCIENCE   9 units   Page 72</b>						
	Subarea (_____)						
	Subarea (_____)						
	Subarea (_____)						
	<b>TOTAL Lower Division</b>			36 unit minimum			
	<b>UPPER DIVISION GE   9 units   Page 74</b>						
	Area B (UD B)						
	Area C (UD C)						
	Area D (UD D)						
	<b>E LIFELONG LEARNING &amp; SELF-DEVELOPMENT   3 units   Page 73</b>						
	<b>TOTAL General Education</b>			48 unit minimum			
A L L  U N I V E R S I T Y	<b>A AMERICAN INSTITUTIONS   Page 77</b>					One may double count with Area D	
	US History						
	US Government						
	CA State & Local Government						
	<b>DCG DIVERSITY &amp; COMMON GROUND   Page 78</b>						
	Domestic						
	Domestic or Non-Domestic						
	<b>GWPE GRADUATE WRITING PROFICIENCY EXAM   Page 66</b>						

120 Total Units     40 Upper Division Units     30 Units Completed @ HSU

# LOWER DIVISION GE AREA A: BASIC SUBJECTS

## Required Units: 9 | 3 units in each category

### A1: Written Communication

Upon completing this requirement, students will be able to:

- demonstrate mastery of writing a well-composed and mechanically competent essay consisting of an introduction, claim (thesis), support (argument), and conclusion
- explain how the effectiveness of communication is influenced by the form, content, and context of someone's writing
- practice the discovery, critical evaluation, reporting, and appropriate citation of information.

ENGL 102 [3] Composition & Rhetoric A  
and

ENGL 103 [3] Composition & Rhetoric B  
(complete both courses to meet requirement)

ENGL 104 [3] Accelerated Composition  
& Rhetoric

ENGL 104S [3] Accelerated Composition  
& Rhetoric

### A2: Oral Communication

Upon completing this requirement, students will be able to:

- demonstrate the discovery, critical evaluation, and reporting of information by designing an appropriately organized and credibly supported speech, using techniques to inform and/or persuade an audience
- deliver a speech using effective verbal and nonverbal skills
- critically listen to and analyze oral communication
- explain the role that oral communication plays in human societies.

COMM 100 [3] Fundamentals of Speech  
Communication

### A3: Critical Thinking

Upon completing this requirement, students will be able to:

- identify the premises and conclusion of an argument and determine its validity and soundness
- analyze, criticize, and advocate ideas
- distinguish deductive from inductive argument forms, identify their fallacies, and reason inductively and deductively
- distinguish matters of fact from issues of judgment or opinion and reach well-supported factual or judgmental conclusions from a wide diversity of real world examples.

BA 105 [3] Critical Thinking in  
Organizations

COMM 103 [3] Critical Listening &  
Thinking

CS 100 [3] Critical Thinking with  
Computers

ENGL 107<sup>‡</sup> [3] Critical Writing

FOR 100 [3] Critical Thinking & Social  
& Environmental  
Responsibility

FREN 100 [3] Enlightenment & Post-  
Colonialism

INTL 100 [3] Thinking Critically About  
Globalization

PHIL 100 [3] Logic

PSYC 100 [3] Psychology of Critical  
Thinking



Recommended for first year. Must be completed before earning 60 units. (Students who transfer in with more than 30 units must complete these before they complete 30 units at HSU.) A minimum grade of C- is required in each course.

Students in the Environmental Resources Engineering program should refer to the ERE program description for this area of general education.

<sup>‡</sup> Course requires one or more prerequisites. DCG Diversity & Common Ground; d domestic; n non-domestic LD Lower Division; UD Upper Division; A B C D General Education Areas;

# LOWER DIVISION GE AREA B: MATH & SCIENCE

## Required Units: 9 | minimum of 3 units in each category

### Mathematical Concepts

Upon completing this requirement, students will be able to:

- use skills beyond the level of intermediate algebra to solve problems through quantitative reasoning
- apply mathematical concepts and quantitative reasoning to problems.

MATH 103	[3]	Contemporary Mathematics (not for science or NR majors)
MATH 103i	[3]	Mathematics as a Liberal Art (Coreq: MATH 43; not for science or NR majors)
MATH 104	[3]	Finite Mathematics
MATH 105 ‡	[3]	Calculus for the Biological Sciences & Natural Resources
MATH 106	[4]	Calculus for Business. & Economics
MATH 108	[3]	Critical Thinking in Math (for prospective elementary teachers)
MATH 109 ‡	[4]	Calculus I
STAT 106	[3]	Introduction to Statistics for the Health Sciences
STAT 108	[4]	Elementary Statistics
STAT 109 ‡	[4]	Introductory Biostatistics

Where courses exceed 3 units, only 3 units count towards GE requirements.

**MATH:** Minimum grade of C- required. Must be completed by 60 units. (Students who transfer in with more than 30 units must complete these before they complete 30 units at HSU.)

### Life Forms

Upon completing this requirement, students will be able to:

- apply scientific concepts and theories to develop scientific explanations of natural phenomena
- critically evaluate conclusions drawn from a particular set of observations or experiments
- demonstrate their understanding of the science field under study through proper use of the technical/ scientific language, and the development, interpretation, and application of concepts.

ANTH 103	[3]	Biological Anthropology [lect/lab]
BIOL 102	[3]	Human Biology <b>and</b>
BIOL 102L	[1]	Human Biology Laboratory [lect/lab] (not for most science or NR majors; chemistry or physics majors may take this course.)
BIOL 104	[3]	General Biology [lect/lab] (not for most science or NR majors; chemistry or physics majors may take this course)
BIOL 105 ‡	[4]	Principles of Biology [lect/lab]
BOT 105	[4]	General Botany [lect/lab]
SOIL 104	[3]	Introduction to Sustainable Agriculture [lect/lab]

Where courses exceed 3 units, only 3 units count towards GE requirements.

**SCIENCE:** One course must include a lab. Courses that include a lab component fulfill the science lab requirement.

### Physical Universe

Upon completing this requirement, students will be able to:

- apply scientific concepts and theories to develop scientific explanations of natural phenomena
- critically evaluate conclusions drawn from a particular set of observations or experiments
- demonstrate their understanding of the science field under study through proper use of the technical/ scientific language, and the development, interpretation, and application of concepts.

CHEM 107	[4]	Fundamentals of Chemistry [lect/lab]
CHEM 109	[5]	General Chemistry I [lect/lab]
ESM 108	[3]	Environmental Science & Climate Change [lect]
GEOG 106	[3]	Physical Geography [lect] (May enroll in GEOG 106L to fulfill lab requirement)
GEOL 103	[3]	The Water Planet [lect]
GEOL 106	[3]	Earthquake Country [lect] (not for geology majors)
GEOL 109	[4]	General Geology [lect/lab]
OCN 109	[3]	General Oceanography <b>and</b>
OCN 109L	[1]	General Oceanography Lab [lect/lab]
PHYX 104	[4]	Descriptive Astronomy [lect/lab]
PHYX 106 ‡	[4]	College Physics: Mechanics & Heat [lect/lab] (not calculus-based)
PHYX 107 ‡	[4]	College Physics: Electromagnetism & Modern Physics [lect/lab] (not calculus-based)
PHYX 109 ‡	[4]	General Physics A: Mechanics [lect/lab]



‡ Course requires one or more prerequisites. DCG Diversity & Common Ground; d domestic; n non-domestic LD Lower Division; UD Upper Division; A B C D General Education Areas;

# LOWER DIVISION GE AREA C: ARTS & HUMANITIES

## Required Units: 9 | minimum of one course in each subarea

Upon completing this requirement, students will be able to:

- apply discipline-specific vocabulary and central discipline-specific concepts and principles to a specific instance, literary work, or artistic creation
- respond subjectively as well as objectively to aesthetic experiences and will differentiate between emotional and intellectual responses
- explain the nature and scope of the perspectives and contributions found in a particular discipline within the arts and humanities as related to the human experience, both individually (theirs) and collectively.

Upon completing a course in the arts, students will be able to:

- demonstrate an understanding of the intellectual, imaginative, and cultural elements involved in the creative arts through their (or, "as a result of their") participation in and study of drama, music, studio art, and/or creative writing.

Upon completing a course in the humanities, students will be able to:

- discuss the intellectual, historical, and cultural elements of written literature through their study of great works of the human imagination.

### Arts (Art, Cinema, Dance, Music, Theatre)

ART 100	[3]	Global Perspectives in Art [DCG-n]
ART 103A	[3]	Survey of Art History I: Prehistory-Medieval
ART 103B	[3]	Survey of Art History II: 1500CB-Contemporary
ART 104 (B-N)	[3]	Art History
ART 104J	[3]	American Art [DCG-d]
ART 104K	[3]	Africa, Oceania, the Americas [DCG-n]
ART 104M	[3]	Latin American Art [DCG-n]
ART 104N	[3]	Asian Art & Culture [DCG-n]
ART 105 (B-D)	[3]	Studio Art
ART 106	[3]	Painting I
ART 107	[3]	Printmaking I
ART 108	[3]	Graphic Design I
ART 109	[3]	Sculpture I
DANC 103	[3]	Modern I
DANC 104‡	[3]	Modern II
FILM 102	[3]	Introduction to Radio, TV & Film
FILM 109	[3]	Film Comedy Around the World [DCG-n]
MUS 103	[3]	Listening to the Movies
MUS 104	[3]	Introduction to Music
MUS 105	[3]	The American Musical
MUS 106 (any)		Musical Ensembles
MUS 107 (any)		Chamber Ensembles
MUS 108 (any)		Beginning Music
MUS 109 (any)		Intermediate Music
TA 104	[4]	Story Through Word & Image
TA 105	[3]	Acting I: Principles of Performance
TA 106	[3]	Behind the Scenes in Theatre
TA 107	[3]	Dramatic Writing

### Humanities (Literature, Philosophy, Languages other than English)

CD 109Y & CD 109Z		American Sign Language: Level I & II <i>(complete both courses for three units of GE credit)</i>
CHIN 106	[4]	Chinese Level II
CHIN 107	[4]	Chinese Level III [DCG-n]
COMM 108	[3]	Oral Interpretation
ENGL 105	[3]	Literature, Media, & Culture
ES 106	[3]	Introduction to Black Studies [DCG-d]
ES 107	[3]	Chican@/Latin@ Lives [DCG-d]
FREN 106	[4]	French Level II
FREN 107	[4]	French Level III [DCG-n]
GERM 106	[4]	German Level II
GERM 107	[4]	German Language & Culture III [DCG-n]
JMC 105	[3]	Introduction to Mass Communication
PHIL 104	[3]	Asian Philosophy [DCG-n]
PHIL 106	[3]	Moral Controversies
PHIL 107	[3]	Introduction to Philosophy
RS 105	[3]	World Religions [DCG-n]
SPAN 106	[4]	Spanish Language & Culture II
SPAN 107	[4]	Spanish Language & Culture III [DCG-n]
SPAN 108	[4]	Level III Heritage Speakers [DCG-n]
SPAN 108S	[4]	Level III Heritage Speakers [DCG-n]
WS 107	[3]	Women, Culture, History [DCG-d]



‡ Course requires one or more prerequisites. DCG Diversity & Common Ground; d domestic; n non-domestic LD Lower Division; UD Upper Division; A B C D General Education Areas;

# LOWER DIVISION GE AREA D: SOCIAL SCIENCES

## Required Units: 9 | minimum of two subareas

Upon completing this requirement, students will be able to:

- apply the discipline-specific vocabulary, principles, methodologies, value systems, and ethics employed in social science inquiry, to a specific instance
- explain and critically analyze human social, economic, and political issues from the respective disciplinary perspectives by examining them in contemporary as well as historical settings and in a variety of cultural contexts
- illustrate how human social, political, and economic institutions and behavior are inextricably interwoven.

### D1: Anthropology & Archaeology

- ANTH 104 [3] Cultural Anthropology  
 ANTH 105 [3] Archaeology & World Prehistory

### D2: Economics

- ECON 104 [3] Contemporary Topics in Economics

### D3: Ethnic Studies

- CHIN 109 [3] Introduction to Chinese Studies [DCG-n]  
 ES 105 [3] Introduction to US Ethnic Studies [DCG-d]  
 NAS 104 [3] Introduction to Native American Studies [DCG-d]

### D4: Gender Studies

- CRGS 108 [3] Power/Privilege: Gender & Race, Sex, Class [DCG-d]  
 WS 106 [3] Introduction to Women's Studies [DCG-d]

### D5: Geography

- GEOG 105 [3] Human Geography [DCG-n]  
 GSP 101 (2) Geospatial Concepts &  
 GSP 101L (1) Geospatial Concepts Lab

### D6: History

- HIST 104 [3] Western Civilization to 1650  
 HIST 105 [3] Western Civilization, 1650 to Present  
 HIST 106B [3] Islamic Societies: The Making of the Muslim Middle East [DCG-n]  
 HIST 107 [3] East Asian History to 1644  
 HIST 108 [3] East Asian Civilization, Since 1644  
 HIST 109 [3] Colonial Latin American History  
 HIST 109B [3] Modern Latin America

### D7: Interdisciplinary Social or Behavioral Science

- COMM 105 [3] Introduction to Human Communication  
 ESM 105 [3] Natural Resource Conservation  
 SW 104 [3] Introduction to Social Work & Social Work Institutions [DCG-d]

### D8: Political Science, Government, and Legal Institutions

- PSCI 104 [3] People & Politics

Students may elect to use one institutions course to substitute for one course in D6: History or D8: Political Science. Only one institutions course can be used to satisfy GE Area D requirements. See list of American Institutions courses.

### D9: Psychology

- PSYC 104 [3] Introduction to Psychology

### D10: Social Science

- BA 106 (3) Advocating for Sustainability

### DD: Sociology & Criminology

- SOC 104 [3] Introduction to Sociology



Students in the Environmental Resources Engineering program should refer to the ERE program description for this area of general education.

‡ Course requires one or more prerequisites. DCG Diversity & Common Ground; d domestic; n non-domestic LD Lower Division; UD Upper Division; A B C D General Education Areas;

# GE AREA E: LIFELONG LEARNING & SELF-DEVELOPMENT

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## Required Units: 3

Upon completing this requirement, students will be able to:

- evaluate and explain how physiological, psychological, and sociocultural factors influence the continuum of personal and professional development.

CHEM 100 [3] From Stars to Rocks: Being a Scientist in the 21st Century

DANC 400 [3] Bodyworks

ESM 400 [3] Inscape & Landscape

FOR 400 [3] Forestry in Modern Society

GEOL 100 [3] From Stars to Rocks: Being a Scientist in the 21st Century

HED 400 [3] A Sound Mind in a Sound Body: Human Integration

PHYX 100 [3] From Stars to Rocks: Being a Scientist in the 21st Century

PSYC 400 [3] Health Psychology



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Students with a catalog year of 2018-19 or later must be able to complete GE area E requirement through lower division units. Upper division GE area E will not be offered after fall semester 2020.

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Students in the Environmental Resources Engineering program should refer to the ERE program description for this area of general education.

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‡ Course requires one or more prerequisites. DCG Diversity & Common Ground; d domestic; n non-domestic LD Lower Division; UD Upper Division; A B C D General Education Areas;



# UPPER DIVISION GE AREA B: MATH & SCIENCE

## Required Units: 3

Upon completing this requirement, students will be able to:

- apply scientific concepts and theories to develop scientific explanations of natural phenomena
- critically evaluate conclusion drawn from a particular set of observations or experiments
- discuss value systems and ethics associated with scientific endeavors.

The following majors have Upper Division GE Area B requirements incorporated into the major requirements: Chemistry, Environmental Resources Engineering, Fisheries Biology, Kinesiology, Oceanography, Physics (BS options only).

Students can also satisfy three units of Upper Division GE Area B by completing an approved minor in one of the disciplines in the College of Natural Resources and Sciences.

**NOTE:** A minor cannot be awarded to a student receiving a related major of the same name.

ANTH 303	[3]	Human Adaptation & Evolution [DCG-n]	MATH 308B	[3]	Mathematics for Elementary Education OR
BIOL 301	[3]	History of Biology	MATH 308C‡	[3]	Mathematics for Elementary Education (for prospective elementary teachers)
BIOL 304	[3]	Human Genetics [DCG-n]	OCN 301 ‡	[3]	Marine Ecosystems – Human Impact
BIOL 305	[3]	Social Behavior & Biology	OCN 304	[3]	Resources of the Sea
BIOL 306	[3]	California Natural History	PHIL 309B#	[3]	Perspectives: Humanities /Science/Social Science [B-UD, C-UD or D-UD]
BIOL 307 ‡	[4]	Evolution	PHYX 303	[3]	Life in the Universe
BIOL 308	[3]	Environment & Culture: How People Transformed a Continent	PHYX 304	[4]	Cosmos
BOT 300	[3]	Plants & Civilization	RRS 306	[3]	Wildland Resource Principles
CHEM 308	[3]	Alchemy	WLDF 300B	[3]	Wildlife Ecology & Management
CS 309	[3]	Computers & Social Change [B-UD, C-UD or D-UD]	WLDF 301 ‡	[3]	Principles of Wildlife Management
ENGR 305 ‡	[3]	Appropriate Technology	WLDF 306	[3]	Birds & Human Society
ENGR 308	[3]	Technology & Environment	WLDF 309	[3]	Case Studies in Environmental Ethics [B-UD, C-UD or D-UD]
ESM 302	[3]	Biodiversity on Earth			
ESM 303 ‡	[4]	Applied Natural History & Ecology			
ESM 308	[3]	Ecotopia			
FISH 300	[3]	Introduction to Fishery Biology			
FOR 302	[3]	Forest Ecosystems & People			
FOR 307	[3]	California's Forests & Woodlands			
GEOG 302 ‡	[3]	Global Ecology & Biogeography			
GEOG 308	[3]	Social Justice and the Environment in Africa			
GEOLOG 300 ‡	[3]	Geology of California			
GEOLOG 303 ‡	[3]	Earth Resources & Global Environmental Change			
GEOLOG 305	[3]	Fossils, Life & Evolution			
GEOLOG 306 ‡	[3]	General Geomorphology			
GEOLOG 308 ‡	[3]	Natural Disasters			
MATH 301 ‡	[3]	Mathematics & Culture: Historical Perspective [DCG-n]			

Courses that meet outcomes of more than one GE area, may only be used to satisfy one of those areas.

‡ Course requires one or more prerequisites. DCG Diversity & Common Ground; d domestic; n non-domestic LD Lower Division; UD Upper Division; A B C D General Education Areas;

# UPPER DIVISION GE AREA C: ARTS & HUMANITIES

## Required Units: 3

Upon completing this requirement, students will be able to:

- apply discipline-specific vocabulary and central discipline-specific concepts and principles to a specific instance, literary work, or artistic creation
- respond subjectively as well as objectively to aesthetic experiences and will differentiate between emotional and intellectual responses
- explain the nature and scope of the perspectives and contributions found in a particular discipline within the Arts and Humanities as related to the human experience, both individually (theirs) and collectively.

Upon completing a course in the arts, students will be able to:

- demonstrate an understanding of the intellectual, imaginative, and cultural elements involved in the creative arts through their (or, "as a result of their") participation in and study of drama, music, studio art, and/or creative writing.

Upon completing a course in the humanities, students will be able to:

- discuss the intellectual, historical, and cultural elements of written literature through their study of great works of the human imagination.

ART 301	[3]	Topics in Western Art History	JMC 309	[3]	Analyzing Mass Media Messages [C-UD or D-UD]
ART 302	[3]	Topics in Global Art History [DCG-n]	MUS 301	[3]	Rock: An American Music [DCG-d]
ART 303	[3]	Global Contemporary Art [DCG-n]	MUS 302	[3]	Music in World Culture [DCG-n]
ART 304	[3]	Topics in American Art [DCG-d]	MUS 305	[3]	Jazz: An American Art Form
COMM 300	[3]	American Public Discourse [DCG-d]	NAS 301	[3]	Native American Literature [DCG-d]
COMM 309B	[3]	Gender & Communication [DCG-d; C-UD or D-UD]	NAS 302	[3]	Oral Literature & Oral Tradition [DCG-d]
CS 309	[3]	Computers & Social Change [B-UD, C-UD or D-UD]	PHIL 301	[3]	Reflections on the Arts
DANC 303	[3]	Dance in World Cultures [DCG-n]	PHIL 302	[3]	Environmental Ethics
ESM 309B	[3]	Environmental Communication [C-UD or D-UD]	PHIL 303	[3]	Theories of Ethics
ENGL 305	[3]	Postcolonial Perspectives: Literature of the Developing World [DCG-n]	PHIL 304	[3]	Philosophy of Sex & Love
ENGL 306	[3]	Contemporary Texts	PHIL 306	[3]	Race, Racism & Philosophy [DCG-d]
ENGL 308B	[3]	Women in Literature [DCG-d]	PHIL 309B	[3]	Perspectives: Humanities /Science/Social Science [B-UD, C-UD or D-UD]
ENGL 308C	[3]	Women in Literature [DCG-n]	RS 300	[3]	Living Myths
ES 305	[3]	African American Cultural History [DCG-d]	RS 301	[3]	Religion in America [DCG-d]
FILM 305	[3]	Art of Film: Beginning -1950s	RS 304	[3]	Cultural & Religious Heritage of Africa [DCG-n]
FILM 306	[3]	Art of Film: 1950s to Present	SPAN 306	[3]	Sex, Class & Culture: Gender & Ethnic Issues in International Short Stories [DCG-n]
FREN 300	[3-4]	African Storytelling [DCG-n]	SPAN 308S	[3]	Introduction to Translation & Interpretation [DCG-d]
FREN 306	[3]	Sex, Class & Culture: Gender & Ethnic Issues in International Short Stories [DCG-n]	TA 307	[3]	Theatre of the Oppressed [DCG-d]
GERM 305	[3]	Marx, Nietzsche, Freud & German Literature	WLDF 309	[3]	Case Studies in Environmental Ethics
GERM 306	[3]	Sex, Class & Culture: Gender & Ethnic Issues in International Short Stories [DCG-n]	WS 306	[3]	Sex, Class & Culture: Gender & Ethnic Issues in International Short Stories [DCG-n]
JMC 302	[3]	Mass Media/Popular Arts	WS 308B	[3]	Women in Literature
			WS 308C	[3]	Women in Literature [DCG-n]
			WS 309B#	[3]	Gender & Communication [DCG-d; C-UD or D-UD]

Courses that address outcomes of more than one upper division GE area, may only be used to satisfy one of those areas.

‡ Course requires one or more prerequisites. DCG Diversity & Common Ground; d domestic; n non-domestic LD Lower Division; UD Upper Division; A B C D General Education Areas;

# UPPER DIVISION GE AREA D: SOCIAL SCIENCES

## Required Units: 3

Upon completing this requirement, students will be able to:

- apply the discipline-specific vocabulary principles, methodologies, value systems and ethics employed in social science inquiry, to a specific instance
- explain and critically analyze human social, economic, and political issues from the respective disciplinary perspectives by examining them in contemporary as well as historical settings and in a variety of cultural contexts
- illustrate how human social, political, and economic institutions and behavior are inextricably interwoven.

ANTH 302	[3]	Anthropology of Religion [DCG-n]	JMC 309	[3]	Analyzing Mass Media Messages [C-UD or D-UD]
ANTH 306	[3]	World Regions Cultural Studies [DCG-n]	NAS 306	[3]	Indigenous Peoples of the Americas [DCG-d]
BA 304	[3]	Business Psychology	NAS 307	[3]	Nature & Issues of Genocide [DCG-n]
CS 309	[3]	Computers & Social Change [B-UD, C-UD or D-UD]	PHIL 309B	[3]	Perspectives: Humanities /Science/Social Science [B-UD, C-UD or D-UD]
COMM 309B	[3]	Gender & Communication [DCG-d; C-UD or D-UD]	PSCI 303	[3]	Third World Politics [DCG-n]
ECON 305	[3]	International Economics & Globalization	PSCI 306	[3]	Environmental Politics
ECON 306	[3]	Economics of the Developing World [DCG-n]	PSYC 300	[3]	Psychology of Women [DCG-d]
ECON 308	[3]	History of Economic Thought	PSYC 302	[3]	Psychology of Prejudice [DCG-d]
ECON 309	[3]	Economy of a Sustainable Society	PSYC 303	[3]	Family Relations in Contemporary Society
ESM 301	[3]	International Environmental Issues & Globalization	PSYC 304	[3]	Business Psychology
ESM 305	[3]	Environmental Conflict Resolution	PSYC 309	[3]	The Thinking Consumer in a Materialistic Society
ESM 309B	[3]	Environmental Communication [C-UD or D-UD]	REC 302	[3]	Inclusive Recreation [DCG-d]
ES 304	[3]	Migrations & Mosaics [DCG-d]	SOC 302	[3]	Forests & Culture
ES 306	[3]	World Regions Cultural Studies [DCG-n]	SOC 303	[3]	Race and Inequality [DCG-d]
ES 307	[3]	Multicultural History of Africa	SOC 305	[3]	Modern World Systems
ES 308	[3]	Multi-Ethnic Resistance in the US [DCG-d]	SOC 306	[3]	The Changing Family [DCG-d]
GEOG 300	[3]	Global Awareness [DCG-n]	SOC 308	[3]	Sociology of Altruism & Compassion
GEOG 301	[3]	International Environmental Issues & Globalization	WLDF 309	[3]	Case Studies in Environmental Ethics [B-UD, C-UD or D-UD]
GEOG 304	[3]	Migrations & Mosaics [DCG-d]	WS 300	[3]	Psychology of Women [DCG-d]
HIST 300	[3]	The Era of World War I	WS 303	[3]	Anticolonial Women's Movements [DCG-n]
HIST 301	[3]	The Era of World War II	WS 309B	[3]	Gender & Communication [DCG-d; C-UD or D-UD]
JMC 305	[3]	International Mass Communication [DCG-n]			
JMC 306	[3]	History of Mass Communication			

Courses that meet outcomes of more than one GE area may only be used to satisfy one of those areas.

‡ Course requires one or more prerequisites. DCG Diversity & Common Ground; d domestic; n non-domestic LD Lower Division; UD Upper Division; A B C D General Education Areas;

# AMERICAN INSTITUTIONS

## Required Units: 6 | 3 units each area

### US History

Upon completing this requirement, students will be able to:

- explain significant events covering a time span of at least 100 years of US history, including the relationships of US regions and relationships with foreign nations
- analyze the roles of major ethnic and social groups in the significant events above, and the contexts in which those events have occurred
- explain how these events illustrate both the continuity of “the American experience” and its derivation from other cultures by considering at least three of the following: politics, economics, social movements, and geography.

### Area D6:

- ECON 323 [3] Economic History of the US
- HIST 110 [3] US History to 1877
- HIST 111 [3] US History from 1877
- NAS 200 [3] Indigenous Peoples in US History [DCG-d]

### US & California Government\*

Upon completing this requirement, students will be able to:

- distinguish the key philosophies of the framers of the US Constitution
- demonstrate an understanding of the nature and operation of major US political institutions and processes
- identify the liberties, rights, and responsibilities of citizens under the political system established by the US Constitution
- demonstrate an understanding of the California Constitution and state and local government within the framework of evolving Federal-State relations.

### Area D8:

- FOR 359 [3] CA & US Forest and Wildland Policy
- PSCI 110 [3] American Government
- PSCI 159 [3] California Government
- PSCI 410‡ [4] American Constitutional Law

\*A student who has earned credit for a course on US Government via an AP exam, CLEP exam, or at a university outside of California will have met the US Government portion of this requirement, but not the "California state and local government" requirement. In this case, a student may enroll in **PSCI 160 California Institutions**, a 1-unit CR/NC course that meets only this portion of the requirement.



Though the American Institutions requirement is separate from general education, one of the eight courses listed above can count in Lower Division GE Area D. Regardless of whether a lower or upper division American Institutions course is applied to GE, it will count for lower division GE, not upper division GE.

Students in the Environmental Resources Engineering program should refer to the ERE program description for this area of general education.

‡ Course requires one or more prerequisites. DCG Diversity & Common Ground; d domestic; n non-domestic LD Lower Division; UD Upper Division; A B C D General Education Areas;

# DIVERSITY & COMMON GROUND [DCG]

## Required Units: 6 | at least one course must be designated domestic

Upon completing this requirement, students will be able to:

- analyze the complexity of diversity through the perspective of differential power and privilege, identity politics, and/or multicultural studies.

Undergraduates must complete at least two DCG courses; one of these courses must

be designated domestic (focused within the boundaries of the United States) while the second course may either be domestic or international/transnational (non-domestic) in focus. Students may meet the DCG requirement with courses that simultaneously meet other degree requirements (general education, the major or minor, US Government, or the elective component).

Following is a list of courses currently approved to count towards satisfaction of the Diversity and Common Ground requirement

DCG courses that are also approved for GE have their GE areas designated in the GE Area column.

### DCG Domestic (focused within the boundaries of the US)

Course	Title	GE Area
ART 104J	American Art [C-LD]	
ES 106	Introduction to Black Studies	C-LD
ES 107	Chican@/Latin@ Lives	C-LD
WS 107	Women, Culture, History	C-LD
CRGS 108	Power & Privilege: Gender, Race, Sex, Class	D-LD
ES 105	Introduction to US Ethnic Studies	D-LD
NAS 104	Introduction to Native American Studies	D-LD
SW 104	Introduction to Social Work	D-LD
WS 106	Introduction to Women's Studies	D-LD
ART 304	Topics in American Art	C-UD
COMM 300	American Public Discourse	C-UD
COMM 309B	Gender & Communication	C-UD or D-UD
ENGL 308B	Women in Literature	C-UD
ES 305	African American Cultural History	C-UD
MUS 301	Rock: An American Music	C-UD
NAS 301	Native American Literature	C-UD
NAS 302	Oral Literature & Oral Tradition	C-UD
PHIL 306	Race, Racism & Philosophy	C-UD
RS 301	Religion in America	C-UD
SPAN 308S	Introduction to Translation & Interpretation	C-UD
TA 307	Theatre of the Oppressed	C-UD
WS 308B	Women in Literature	C-UD
WS 309B	Gender & Communication	C-UD or D-UD
COMM 309B	Gender & Communication	D-UD or C-UD
ES 304	Migrations & Mosaics	D-UD
ES 308	Multi-Ethnic Resistance in the US	D-UD
GEOG 304	Migrations & Mosaics	D-UD
NAS 306	Indigenous Peoples of the Americas	D-UD
PSYC 300	Psychology of Women	D-UD
PSYC 302	Psychology of Prejudice	D-UD
REC 302	Inclusive Recreation	D-UD
SOC 303	Race and Inequality	D-UD
SOC 306	Changing Family	D-UD
WS 300	Psychology of Women	D-UD
WS 309B	Gender & Communication	D-UD or C-UD

Courses that meet outcomes of more than one GE area may only be used to satisfy one of those areas.

‡ Course requires one or more prerequisites. DCG Diversity & Common Ground; d domestic; n non-domestic LD Lower Division; UD Upper Division; A B C D General Education Areas;

## DCG Domestic (focused within the boundaries of the US)

Course	Title	GE Area
AIE 330	History of Indian Education	
AIE 335	Social & Cultural Considerations	
AIE 340 <sup>‡</sup>	Educational Experiences	
CD 310	Perspectives: History & Theory	
CD 352 <sup>‡</sup>	Parent-Child Relationships	
CD 467	Working with Culturally Diverse Families	
CD 467S	Working with Culturally Diverse Families	
COMM 315 <sup>‡</sup>	Communication & Social Advocacy	
COMM 322	Intercultural Communication	
CRGS 313	Community Activism	
CRGS 330 <sup>‡</sup>	Women of Color Feminisms	
CRGS 360	Race, Gender & US Law	
EDUC 313	Community Activism	
EDUC 318	Gay & Lesbian Issues in Schools	
ENGL 232	Survey of American Literature	
ENGL 336	American Ethnic Literature	
ENGL 465B <sup>‡</sup>	Multicultural Issues in Literature/Languages	
ENST 295	Power, Privilege & the Environment	
ES 245 <sup>‡</sup>	Hip Hop & the Black Experience	
ES 314	Chicano Culture & Society in America	
ES 325	From Civil Rights to Black Power	
ES 326	Media and the Politics of Representation	
ES 336	American Ethnic Literature	
ES 465B <sup>‡</sup>	Multicultural Issues in Literature/Languages	
HIST 372	Rise of Modern America (1877-1929)	
HIST 374	Contemporary America, 1929 to the Present	
KINS 474	Psychology of Sport & Exercise	
NAS 200	Indigenous Peoples in US History	
NAS 331	Indigenous Natural Resource Management Practices	
NAS 332	Environmental Justice	
NAS 392	Indigenous Identities in Film	
NAS 468	Tribal Justice Systems	
PSYC 437	Sexual Diversity	
SOC 316	Gender & Society	
SPAN 408S	Field Experience: Translation and Interpretation	
WS 316	Gender & Society	
WS 318	Gay & Lesbian Issues in Schools	
WS 336	American Ethnic Literature	
WS 350	Health & Body Politics	
WS 465B <sup>‡</sup>	Multicultural Issues in Literature/Languages	

Approved DCG courses are subject to change. Courses used to count towards this requirement must be DCG approved at the time the course is taken. Students are advised to check the current online *Registration Guide* for the most current list of DCG-approved courses.

<sup>‡</sup> Course requires one or more prerequisites. DCG Diversity & Common Ground; d domestic; n non-domestic LD Lower Division; UD Upper Division; A B C D General Education Areas;

## DCG Non-Domestic (international/transnational focus)

Course	Title	GE Area
ART 100	Global Perspectives in Art	C-LD
ART 104K	Africa, Oceania, the Americas	C-LD
ART 104M	Latin American Art	C-LD
ART 104N	Asian Art & Culture	C-LD
CHIN 107	Chinese Level III	C-LD
FILM 109	Film Comedy Around the World	C-LD
FREN 107	French Level III	C-LD
GERM 107	German Language & Culture III	C-LD
PHIL 104	Asian Philosophy	C-LD
RS 105	World Religions	C-LD
SPAN 107	Spanish Language & Culture III	C-LD
SPAN 108	Level III Heritage Speakers	C-LD
SPAN 108S	Level III Heritage Speakers	C-LD
CHIN 109	Introduction to Chinese Studies	D-LD
GEOG 105	Cultural Geography	D-LD
HIST 106B	Islamic Societies: The Making of the Muslim Middle East	D-LD
ANTH 303	Human Evolutionary Biology, Diversity, & Health	B-UD
BIOL 304	Human Genetics	B-UD
MATH 301 ‡	Math & Culture: Historical Perspective	B-UD
ART 302	Topics in Global Art History	C-UD
ART 303	Global Contemporary Art	C-UD
DANC 303	Dance in World Cultures	C-UD
ENGL 305	Post Colonial Literature	C-UD
ENGL 308C	Women in Literature	C-UD
FREN 300	African Storytelling	C-UD
FREN 306	Sex, Class & Culture: Gender & Ethnic Issues in International Short Stories	C-UD
GERM 306	Sex, Class & Culture: Gender & Ethnic Issues in International Short Stories	C-UD
MUS 302	Music in World Culture	C-UD
RS 304	Cultural & Religious Heritage of Africa	C-UD
SPAN 306	Sex, Class & Culture: Gender & Ethnic Issues in International Short Stories	C-UD
WS 306	Sex, Class & Culture: Gender & Ethnic Issues in International Short Stories	C-UD
WS 308C	Women in Literature	C-UD
ANTH 302	Anthropology of Religion	D-UD
ANTH 306	World Regions Cultural Studies	D-UD
ECON 306	Economics of the Developing World	D-UD
ES 306	World Regions Cultural Studies	D-UD
GEOG 300	Global Awareness	D-UD
JMC 305	International Mass Communication	D-UD
NAS 307	Nature and Issues of Genocide	D-UD
PSCI 303	Third World Politics	D-UD
WS 303	Anticolonial Women's Movements	D-UD
ANTH 315	Sex, Gender & Globalization	
BA 410 ‡	International Business	
CHIN 207	Chinese Level IV	
CRGS 390 ‡	Theory & Methods	

DCG courses that are also approved for GE have their GE areas designated in the GE Area column. .

‡ Course requires one or more prerequisites. DCG Diversity & Common Ground; d domestic; n non-domestic LD Lower Division; UD Upper Division; A B C D General Education Areas;

## DCG Non-Domestic (international/transnational focus)

Course	Title	GE Area
ENGL 465C <sup>‡</sup>	Multicultural Issues in Literature/Languages	
ES 310	US and Mexico Border	
ES 465C <sup>‡</sup>	Multicultural Issues in Literature/Languages	
FREN 207	French IV & Introduction to Francophone Studies	
FREN 311	French V & Stories from the Francophone World	
GERM 207	German Language & Culture IV	
HIST 327 <sup>‡</sup>	History of Brazil	
HIST 328	Women & Gender in Latin America	
HIST 345	Imperialism	
HIST 377	Vietnam War	
RS 340	Zen, Dharma & Tao	
SPAN 207	Spanish Language & Culture IV	
SPAN 208	Level IV Heritage Speakers	
SPAN 208S	Level IV Heritage Speakers	
TA 341	Theatre History II	
WS 315	Sex, Gender & Globalization	
WS 340	Ecofeminism: Global Women & Environment	
WS 465C <sup>‡</sup>	Multicultural Issues in Literature/Languages	

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Approved DCG courses are subject to change. Courses used to count towards this requirement must be DCG approved at the time the course is taken. Students are advised to check the current online *Registration Guide* for the most current list of DCG-approved courses.

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<sup>‡</sup> Course requires one or more prerequisites. DCG Diversity & Common Ground; d domestic; n non-domestic LD Lower Division; UD Upper Division; A B C D General Education Areas;