

## General University Requirements

### UC Entry Level Writing Requirement

All students entering the University of California must demonstrate an ability to write effectively by fulfilling the Entry Level Writing requirement. The requirement may be met in one of the following ways prior to admission:

1. score of 680 or higher on the SAT Writing exam;
2. score of 30 or higher on the ACT Combined English Language Arts (ELA) exam;
3. score of 3 or higher on the College Board Advanced Placement Examination in English Composition and Literature or English Language and Composition;
4. score of 5, 6, or 7 on the higher level English A International Baccalaureate Examination;
5. score of 6 or 7 on the standard level English A1 International Baccalaureate Examination;
6. passing the University of California systemwide Analytical Writing Placement Exam. UCSB will only accept AWPE results from students transferring from another UC Campus;
7. placing in Writing 2 via UCSB's Collaborative Writing Placement Exam (CWP), see below;
8. by earning a grade of C or higher in a transfer course satisfying GE Area A1.

Students who have not met the UC Entry Level Writing Requirement in one of the ways listed above will be required to take a placement exam.

Students who do not achieve an appropriate score on the placement exam to fulfill the Entry Level Writing Requirement must enroll in Writing 1, 1E, or Linguistics 12 within their first year at UCSB.

Visit the Writing Program's website ([writing.ucsb.edu/academics](http://writing.ucsb.edu/academics)) for placement exam information.

### American History and Institutions Requirement

The American History and Institutions requirement is based on the principle that American students enrolled at an American university should have some knowledge of the history and government of their country. You may meet this requirement in any one of the following ways:

1. by achieving a score of 3 or higher on the College Board Advanced Placement Examination in American History or American Government and Politics; or
2. by passing a non-credit examination in American history or American institutions, offered in the Department of History during the first week of each quarter. Consult the department for further information; or
3. by achieving a score of 650 or higher on SAT II: Subject Test in American History; or
4. by completing one four-unit course from the following list of courses:

Anthropology 131  
 Art History 121A-B-C-E, 136H  
 Asian American Studies 1, 2  
 Black Studies 1, 6, 103, 137E, 169BR-CR  
 Chicano Studies 1A-B-C, 144, 168A-B, 174, 188C  
 Comparative Literature 133  
 English 133AA-ZZ, 134AA-ZZ, 137A-B, 191  
 Environmental Studies 173  
 Feminist Studies 155A, 159B-C  
 History 11A, 17A-B-C, 17AH-BH-CH, 105A, 142AL-S, 159B-C, 160A-B, 161A-B, 164C, 164IA-IB, 165, 166A-B-C-D-LB, 168A-B-C-D-N-M, 169M, 172A-B, 173T, 175A-B, 176A-B, 177, 178A-B, 179A-B  
 Military Science 27  
 Political Science 12, 115, 127, 151, 152, 153, 155, 157, 158, 162, 165, 180, 185  
 Religious Studies 7, 14, 151A-B, 152  
 Sociology 144, 155A  
 Theater 180A-B

Courses used to fulfill the American History and Institutions requirement may also be applied to General Education or major requirements, or both where appropriate. Equivalent courses taken at other accredited colleges or universities, or in summer session may be acceptable. Students who transfer to UCSB from another campus of the University of California where the American History and Institutions Requirement has been considered satisfied will automatically fulfill the requirement at UCSB.

International students on a nonimmigrant visa may petition for a waiver of this requirement.

### College of Engineering General Education Requirements

The aims of the General Education Program in the College of Engineering are to provide a body of knowledge of general intellectual value that will give the student a broad cultural base and to meet the objectives of the engineering profession. An appreciation and understanding of the humanities and social sciences are important in making engineers aware of their social responsibilities and enabling them to consider related factors in the decision-making process.

Students in the College of Engineering must complete the General Education requirements in order to qualify for graduation. Students are reminded that other degree requirements exist and that they are responsible for familiarizing themselves with all bachelor's degree requirements. Please see the GOLD system for General Education courses offered during a particular quarter.

It should be noted that for College of Engineering transfers who completed IGETC (Intersegmental General Education Transfer Curriculum), it may be used to substitute for entire UCSB College of Engineering General Education pattern (IGETC does not satisfy the American History and Institutions requirement).

Students who have questions about the General Education requirements should consult with the advisors in College of Engineering Office of Undergraduate Studies.

### GENERAL SUBJECT AREA REQUIREMENTS

A total of 8 courses are required to satisfy the General Education requirements of the College of Engineering. All students must follow the pattern of distribution shown below:

#### I. Area A: English Reading and Composition

The Area A requirement consists of two parts, Area A-1 and A-2. Two courses must be completed in this area and taken for letter grades. Writing 2 or 2E, and one course from Writing 50, 50E, 105CD, 105CW, 105M, 105PD, 105PS, 105S, 105SW, 107B, 107EP, 107G, 107J, 107L, 107M, 107T, 107WC, 109ED, 109ES, 109HP, or 109ST are required.

Chemical Engineering, Computer Engineering, Electrical Engineering, and Mechanical Engineering majors

are strongly encouraged to take Writing 2E and 50E in their first year at UCSB. Computer Science majors may take Writing 2E and 50E space permitting.

NOTE: Students must complete the UC Entry Level Writing Requirement before enrolling in courses that fulfill the Area A requirement of the General Education program. Please refer to page 11 of this publication or the UCSB General Catalog for a list of ways to satisfy the UC Entry Level Writing requirement.

## II. Areas D, E, F, & G

At least 6 courses must be completed in these areas.

1. **Area D: Social Sciences.** A minimum of 2 courses must be completed in Area D. Objective: To apply perspectives, theories, and methods of social science research to understand what motivates, influences, and/or determines the behaviors of individuals, groups, and societies. Area D courses are based upon systematic studies of human behavior, which may include observation, experimentation, deductive reasoning, and quantitative analysis.
2. **Area E: Culture and Thought.** A minimum of 2 courses must be completed in Area E. Objective: To use specific methods and frameworks to develop perspectives and abilities that enable the study of culture and thought within specific contexts, and to recognize the role of human agency in defining, maintaining, and adapting cultures.
3. **Area F: The Arts.** A minimum of 1 course must be completed in Area F. Objective: To develop an appreciation of fine and performing arts, popular arts, and visual culture and to express relationships between arts and historical or cultural contexts.
4. **Area G: Literature.** A minimum of 1 course must be completed in Area G. Objective: To learn to analyze texts using methods appropriate to literary study and to situate analysis within contexts where texts circulate.

## SPECIAL SUBJECT AREA REQUIREMENTS

In the process of fulfilling the General Education General Subject Areas D through G requirements, students must complete the following Special Subject Area requirements:

1. **Writing Requirement.** Objective: To study and practice with writing, reading, and critical analysis within specific disciplines. Students will demonstrate abilities by producing written work totaling at least 1,800 words that is independent of or in addition to written examinations. Assessment of written work must be a significant consideration in total assessment of student performance in the course. At least four designated General Education courses that meet the following criteria: (1) the courses require one to three papers totaling at least 1,800 words, exclusive of elements such as footnotes, equations, tables of contents, or references; (2) the required papers are independent of or in addition to written examinations; and (3) the paper(s) is a significant consideration in the assessment of student performance in the course. The writing requirement may be met only with designated UCSB courses approved by the Academic Senate.

NOTES: ENGR 101 may be used as a writing requirement class, even by those students for whom ENGR 101 is required.

New transfer students should consult with the College Undergraduate Studies Office regarding this requirement.

2. **Ethnicity Requirement.** Objective: To learn to identify and understand the philosophical, intellectual, historical, and/or cultural experiences of historically oppressed and excluded racial minorities in the United States. At least one course in this area is required.
3. **European Traditions or World Cultures Requirement.**

European Traditions Objective: To learn to analyze early and/or modern European cultures and their significance in world affairs.

World Cultures objective: To learn to identify, understand, and appreciate the history, thought, and practices of

one or more cultures outside of the European Tradition.

At least one course from either of these areas (European Traditions or World Cultures) is required.

### Other Regulations:

- A course listed in more than one general subject area can be applied to only one of these areas. (Example: Art History 6A cannot be applied to both Areas E and F.) However, a course can be applied towards a single general subject area and any special subject areas which that course fulfills. (Example: Asian American Studies 4 can be applied to the Writing and Ethnicity requirements in addition to the Area F requirement.)
- Some courses taken to satisfy the General Education requirements may also be applied simultaneously to the American History and Institutions requirement. Such courses must be on the list of approved General Education courses and on the list of approved American History and Institutions courses.
- Courses taken to fulfill a General Education requirement may be taken on a P/NP basis, if the course is offered with that grading option (refer to GOLD for the grading option for a particular course).