Academic Records. See the major department office for substitutions involving major or support courses.

**Double Majors**
The student will normally meet graduation requirements for a degree in one of the major curricula. A student may be granted a bachelor's degree with two majors if the complete requirements of both major curricula are satisfied at the same time. However, no more than one diploma or degree will be granted to the same student at one commencement. In the event that a student has completed the requirements for two different degrees, such as a B.A. and a B.S., the student will be required to declare one major as the degree major in order to determine which degree will be awarded. The fact that the requirements of another program have been completed will be noted on the transcript.

A student who desires to submit only one senior project covering two majors must file a petition for special consideration prior to the date of starting the senior project.

**Graduate Credit Taken by Undergraduates**
Undergraduates are not permitted to take courses in the 400 or 500 series for graduate credit until they have achieved senior standing. Students, who subsequently enter a graduate program at Cal Poly, may petition to receive graduate credit for up to 9 units of such coursework, provided the courses were not used toward the baccalaureate degree. Students should verify the applicability of such credit toward their graduate objective.

**Second Bachelor's Degree**
A qualified student who holds a bachelor's degree from Cal Poly or from another accredited institution may be awarded a second bachelor's degree in a different major. Students must complete General Education requirements in effect at the time of admission to the additional baccalaureate degree program, and all of the courses for the new degree as specified by the department. A minimum of 45 units of coursework for Cal Poly graduates and 50 units for graduates from another accredited institution must be completed in residence after the requirements for the first degree have been fulfilled. A senior project is required for each bachelor's degree.

**Student Classification**
Undergraduate students are assigned a classification level according to the number of quarter units earned:

**Lower Division**
- Freshman ................... fewer than 45 units
- Sophomore ................... 45 to 89 units

**Upper Division**
- Junior ..................... 90 to 134 units
- Senior ..................... 135 or more units

---

**General Education**

[www.calpoly.edu/~acadprog/gened](http://www.calpoly.edu/~acadprog/gened)

*Cal Poly's GE Program has undergone significant changes effective with the 2001-03 Catalog. If you are following a prior catalog, you should consult with your academic advisor, refer to page 77 of this catalog, and refer to the GE web site.*

**Program Goals**
Consistent with E.O. 595, Cal Poly's General Education Program is designed to assure graduates have made noteworthy progress toward becoming truly educated persons and to provide means whereby graduates will have

- The ability to think clearly and logically, to find information and examine it critically, to communicate orally and in writing, and to reason quantitatively;
- Appreciable knowledge about their own bodies and minds, about how human society has developed and how it now functions, about the physical world in which they live, about the other forms of life with which they share the world, and about the cultural endeavors and legacies of their civilizations;
- An understanding and appreciation of the principles, methodologies, value systems, and thought processes employed in human inquiries.

**Advising**
Students should consult academic advisors and curriculum displays for specific courses that may be required in their degree program.

**Foundational Courses**
Students are encouraged to complete foundational courses as early as possible. Lower-division coursework in Areas A-D has been designed to give students the knowledge and skills to move to more complex materials.

**Technology Elective (Area F)**
The elective is integrative in nature, requiring the application and generalization of basic scientific and mathematical knowledge along with the study of particular technologies with critical examination from multiple perspectives.

**Double-Counting**
Courses from the student's Major department may not be used to fulfill upper-division electives in Areas C4, D5 or F.

**Transfer Credit**
Transfer students' General Education-Breadth certifications will be accepted from California institutions. The certification determines the completion of all lower division GE Area A-E Requirements. Many Cal Poly programs require specific GE courses in the Major and/or Support; these courses must be met with equivalencies. Students must complete 12 units of upper division GE courses and 12 units of GE courses in residence.
**Chart 1**

GE Requirements for Catalogs
Prior to 2001-03

<table>
<thead>
<tr>
<th>Minimum Requirements:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total of 72 units of GE courses.</td>
</tr>
<tr>
<td>3 GE courses shall be earned in residence.</td>
</tr>
<tr>
<td>Courses from student's Major dept may not be used to meet C3 or D4b.</td>
</tr>
<tr>
<td>You may need to select courses from the equivalent GE 2001 Areas, as indicated in parentheses below.</td>
</tr>
</tbody>
</table>

Consult Advising Charts at
[www.calpoly.edu/~acadprog/gened](http://www.calpoly.edu/~acadprog/gened)

**AREA A Communication** (minimum 11 units)
- Take one course from A1 and one course from A3:
  - A1 Expository Writing (Area A1)
  - A3 Speech (Area A2)
- Take a minimum of one course from either A2 or A4:
  - A2 Critical Thinking (Area A3)
  - A4 Argumentative Writing (Area A3)

**AREA B Science and Mathematics** (minimum 15 units)
- Take one course from B1a & one from B1b; one with lab (B4):
  - B1a Physical Science (Area B3)
  - B1b Life Science (Area B2)
- Take two courses from B2 MATH and/or STAT.
  - B2 Mathematics and/or Statistics (Area B1)
- If less than 15, take one additional course from B1 or B2.

**AREA C Arts and Humanities** (minimum 15 units)
- Take one course from each Area C category:
  - C1a Literature (Area C1)
  - C1b Philosophy (Area C2)
  - C2 Fine/Performing Arts (Area C3)
  - C3 Lit/Phil/Arts (300-400 level) (Area C4)
- If less than 15, take one additional course from C1, C2, C3

**AREA D Social, Political, Economic Inst.** (min. 15 units)
- Take a minimum of one course from either D1a or D1b (Area D1):
  - D1a American institutions (History) (Area D1)
  - D1b American institutions (Government) (Area D1)
- Take one course from three of the following four categories: D2, D3, D4a, D4b:
  - D2 History (Area D5 HIST course)
  - D3 Economic institutions (Area D2)
  - D4a Social institutions elective (Area D3)
  - D4b Social institutions elec (300-400 level) (Area D5)

**AREA E Life Understanding** (minimum 3 units)
- Take one course from E1 or E2:
  - E1 Psychology (Area D4)
  - E2 Life understanding elective (Area D4)

**AREA F Technology** (minimum 2 units)
- Non-technical programs. Colleges of Business (except BS Industrial Technology); Liberal Arts; Science & Mathematics.
  - Take one course from F1 or F2:
    - F1 Computer literacy (Area F)
    - F2 Technology elective (Area F)
- Technical programs. Colleges of Agriculture; Arch & Env Design; Engineering; & BS Industrial Technology program
  - Take one course from F1:
    - F1 Computer literacy (Area F)

Additional GE Courses
To complete 72-unit requirement, select additional courses from Areas A, B, C, D, E. No more than one additional course per Area.

---

**Chart 2**

Advising Information for Students Changing to the 2001-03 or 2003-05 Catalogs

<table>
<thead>
<tr>
<th>GE Units Taken in Residence</th>
<th>Most Majors</th>
<th>CLA only</th>
<th>ENGR only</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>12</td>
<td>12</td>
<td>12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GE Upper Division Units Required</th>
<th>Most Majors</th>
<th>CLA only</th>
<th>ENGR only</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students must satisfy both the minimum number of units and courses.</td>
<td>Minimum Units (Minimum # Courses)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AREA A COMMUNICATION</td>
<td>11</td>
<td>11</td>
<td>11</td>
</tr>
<tr>
<td>A1 Expository Writing</td>
<td>(1 course)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A2 Oral Communication</td>
<td>(1 course)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A3 Reasoning, Argumentation, Writing</td>
<td>(1 course)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AREA B SCIENCE &amp; MATH</td>
<td>15</td>
<td>18</td>
<td>26</td>
</tr>
<tr>
<td>B1 Mathematics/Statistics</td>
<td>(2 courses)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B2 Life Science</td>
<td>(1 course)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B3 Physical Science</td>
<td>(1 course)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B4 One lab taken with B2 or B3 course</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>B5 elective (for CLA students only)</td>
<td>--</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B6 Upper-division (Engineering)</td>
<td>0</td>
<td>0</td>
<td>(1)</td>
</tr>
<tr>
<td>Engineering: Additional Area B</td>
<td>0</td>
<td>0</td>
<td>(2)</td>
</tr>
<tr>
<td>CLA students: (1 course from B1-B5)</td>
<td>0</td>
<td>(1)</td>
<td>0</td>
</tr>
<tr>
<td>AREA C ARTS AND HUMANITIES</td>
<td>18</td>
<td>15</td>
<td>16</td>
</tr>
<tr>
<td>C1 Literature</td>
<td>(1 course)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C2 Philosophy</td>
<td>(1 course)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C3 Fine and Performing Arts</td>
<td>(1 course)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C4 Upper-division elective</td>
<td>(1 course)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Area C Elective (1 course from C1-C4)</td>
<td>(1)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>AREA D/E SOCIETY/INDIVIDUAL</td>
<td>18</td>
<td>18</td>
<td>16</td>
</tr>
<tr>
<td>D1 The American Experience</td>
<td>(1 course)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D2 Political Economy</td>
<td>(1 course)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D3 Comparative Social Institutions</td>
<td>(1 course)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D4 Self Development</td>
<td>(1 course)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D5 Upper-division elective</td>
<td>(1)</td>
<td>(1)</td>
<td>(2)</td>
</tr>
<tr>
<td>AREA F TECHNOLOGY (upper-div)</td>
<td>3</td>
<td>3</td>
<td>0</td>
</tr>
</tbody>
</table>

**ADDITIONAL GE** (if needed to complete 72-unit requirement)

| TOTAL GE UNITS | 72 | 72 | 72 |

---

2003-2005 Cal Poly Catalog
### Chart 3

**GE Requirements for 2001-03 or 2003-05 Catalogs**

| Most Majors=Colleges of Agriculture, Architecture & Environmental Design, Business, Science & Mathematics. CLA=College of Liberal Arts. ENGR=Engineering Programs. Some programs indicate specific GE courses to fulfill Major and Support course requirements. Courses from student's Major department may not be used to fulfill Areas C4, D5 or F. ✓ non-unit requirement All GE courses are 4 units unless otherwise indicated. www.calpoly.edu/~acadprog/gened/ |
|---|---|---|
| **GE Units Taken in Residence** | 12 | 12 | 12 |
| **GE Upper Division Units Required** | 12 | 12 | 8 |
| **AREA A COMMUNICATION** | 12 | 12 | 12 |
| A1 Expository Writing | 4 | 4 | 4 |
| A2 Oral Communication | 4 | 4 | 4 |
| A3 Reasoning, Argumentation, and Writing | 4 | 4 | 4 |
| **AREA B SCIENCE & MATH** | 16 | 20 | 28 |
| B1 Mathematics/Statistics | 8 | 8 | 8 |
| B2 Life Science | 4 | 4 | 4 |
| B3 Physical Science | 4 | 4 | 4 |
| B4 One lab taken with B2 or B3 course ✓ ✓ ✓ |
| B5 elective (for CLA students only) | 4 | 4 | 4 |
| B6 Upper-division (Engineering) | 4 |
| Engineering: Additional Area B | 8 |
| CLA students: (One from B1-B5) | 4 |
| **AREA C ARTS AND HUMANITIES** | 20 | 16 | 16 |
| C1 Literature | 4 | 4 | 4 |
| C2 Philosophy | 4 | 4 | 4 |
| C3 Fine and Performing Arts | 4 | 4 | 4 |
| C4 Upper-division elective | 4 | 4 | 4 |
| Area C Elective (One from C1-C4) | 4 | 0 | 0 |
| **AREA D/E SOCIETY/INDIVIDUAL** | 20 | 20 | 16 |
| D1 The American Experience (40404) | 4 | 4 | 4 |
| D2 Political Economy | 4 | 4 | 4 |
| D3 Comparative Social Institutions | 4 | 4 | 4 |
| D4 Self Development (CSU Area E) | 4 | 4 | 4 |
| D5 Upper-division elective | 4 | 4 | 0 |
| **AREA F TECHNOLOGY (upper-div)** | 4 | 4 | 0 |
| **TOTAL GE UNITS** | 72 | 72 | 72 |

### Chart 3

**General Education Courses**

<table>
<thead>
<tr>
<th>AREA A: COMMUNICATION</th>
<th>12</th>
<th>12</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A1 Expository Writing</strong></td>
<td>ENGL 133 Writing: Exposition for ESL Students</td>
<td>ENGL 134 Writing: Exposition</td>
<td></td>
</tr>
<tr>
<td><strong>A2 Oral Communication</strong></td>
<td>HNRS 101 Public Speaking</td>
<td>SCOM 101 Public Speaking</td>
<td></td>
</tr>
<tr>
<td><strong>A3 Reasoning, Argumentation, and Writing</strong></td>
<td>HNRS 145 Reasoning, Argumentation, and Writing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 145 Reasoning, Argumentation, and Writing</td>
<td>ENGL 148 Reasoning, Argumentation, and Professional Writing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 149 Technical Writing for Engineers</td>
<td>HNRS 145 Reasoning, Argumentation, and Writing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HNRS 148 Reasoning, Argumentation, and Professional Writing</td>
<td>HNRS 149 Technical Writing for Engineers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHIL 126 Logic and Argumentative Writing</td>
<td>SCOM 126 Argument &amp; Advocacy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SCOM 145 Reasoning, Argumentation and Writing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>AREA B: SCIENCE &amp; MATH</strong></td>
<td>16</td>
<td>20</td>
<td>28</td>
</tr>
<tr>
<td><strong>B1 Mathematics/Statistics</strong></td>
<td>8</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>HNRS 141 Calculus I</td>
<td>HNRS 142 Calculus II</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HNRS 143 Calculus III</td>
<td>MATH 112 Nature of Modern Math</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 117 Pre-Calculus Algebra II</td>
<td>MATH 118 Pre-Calculus Algebra</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 120 Pre-Calculus Trigonometry</td>
<td>MATH 119 Pre-Calculus Trigonometry</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 120 Pre-Calculus Algebra &amp; Trigonometry (5)</td>
<td>MATH 141 Calculus I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 142 Calculus II</td>
<td>MATH 143 Calculus III</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 161 Calculus for the Life Sciences I</td>
<td>MATH 162 Calculus for the Life Sciences II</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 182 Calculus for Architecture and Construction Mgmt</td>
<td>MATH 221 Calculus for Business and Economics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STAT 130 Intro Statistical Reasoning</td>
<td>STAT 217 Intro to Statistical Concepts and Methods</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STAT 218 Applied Statistics for the Life Sciences</td>
<td>STAT 221 Intro Probability and Statistics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STAT 251 Statistical Inference for Management I (5)</td>
<td>STAT 252 Statistical Inference for Management II (5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STAT 313 Applied Experimental Design &amp; Regression Models</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Academic Requirements and Policies

#### B2 Life Science  
**Course**: Biological Anthropology  
**Credit**: 4 4 4  
**Majors**: CLA only  
**Engineering**: ENGR only  
**Courses**:  
- ANT 250 Biological Anthropology  
- BIO 111 General Biology (B2&4)  
- BIO 113 Animal Diversity and Ecology (B2&4)  
- BIO 114 Plant Diversity and Ecology (B2&4)  
- BIO 115 Animal/Human Structure and Function (B2&4)  
- BIO 151 Intro to Biology (5) (B2&4)  
- BOT 121 General Botany (B2&4)  
- MACRO 221 Surv Microbiology (B2&4)  
- MACRO 224 Gen Microbiology I (5) (B2&4)  
- PPSC 110 Peoples, Pests and Plagues (B2&B4)  

*For Engineering students only; concurrent enrollment required:*

- BIO 213 Life Science for Engineers (2)  
- ENGR/BRAE 213 Bioengineering Fundamentals (2)  

#### B3 Physical Science  
**Course**: Intro to the Solar System  
**Credit**: 4 4 4  
**Majors**: CLA only  
**Engineering**: ENGR only  
**Courses**:  
- ASTR 101 Intro to the Solar System  
- ASTR 102 Intro to Stars & Galaxies  
- CHEM 110 World of Chemistry (B3&4)  
- CHEM 111 Survey of Chemistry (5) (B3&4)  
- CHEM 124 General Chemistry for Engineers (B3&4)  
- CHEM 125 General Chemistry for Engineers (B3&4)  
- CHEM 127 General Chemistry (B3&4)  
- GEOL 102 Introduction to Geology  
- GEOL 203 Fossils and History of Life  
- HNRS 131 General Physics (B3&4)  
- HNRS 132 General Physics (B3&4)  
- PHYS 104 Introductory Physics  
- PHYS 107 Introduction to Meteorology  
- PHYS 111 Modern Physics for Poets  
- PHYS 121 College Physics (B3&4)  
- PHYS 127 General Physics (B3&4)  
- PHYS 128 General Physics (B3&4)  
- PHYS 131 General Physics (B3&4)  
- PHYS 132 General Physics (B3&4)  
- PHYS 133 General Physics (B3&4)  
- PSC 101 Physical Environment: Matter & Energy (B3&4)  
- PSC 102 Physical Environment: Earth & Universe  

#### B4 One lab taken with B2 or B3 course  
**Credit**: ✓ ✓ ✓  
**Majors**: CLA only  
**Courses**:  
- B5 elective (GE option for College of Liberal Arts students only)  

#### B5 elective (GE option for College of Liberal Arts students only)  
**Credit**: – – –  
**Majors**: CLA only  
**Courses**:  
- BIO 112 Conservation Biology & Environmental Science  
- BIO 200 305 Biology of Cancer  
- BIO 302 Human Genetics  
- FNR 319 Natural Resource Ecology, Theories &Applications  
- FSN 210 Nutrition  
- GEOL 203 Fossils and History of Life  
- PSC 201 Intro to Physical Oceanography  
- PSY 340 Biopsychology  
- SS 121 Intro to Soil Science  

### Additional Area B  
**Credit**: 0 0 0  
**Majors**: CLA only  
**Engineering**: ENGR only  
**Courses**:  
- CHEM 305 Physical Chemistry for Engineers  
- CSC 341 Numerical Engineering Analysis  
- GEOL 305 Fundamentals Seismology  
- MATH 304 Vector Analysis  
- MATH 317 Topics in Engineering Mathematics  
- MATH 318 Advanced Engineering Mathematics  
- MATH 344 Linear Analysis II  
- MATH 408 Complex Analysis I  
- PHYS 412 & 452 Solid State Physics & Lab  
- PHYS 417 Nonlinear Dynamical Systems  
- STAT 312 Statistical Methods for Engineers  
- STAT 321 Probability & Statistics for Engineers and Scientists  
- STAT 350 Probability & Random Processes for Engineers  

### AREA C: ARTS AND HUMANITIES  
**Credit**: 20 16 16  
**Courses**:  
- ENGL 230 Masterworks British Literature through 18th Century  
- ENGL 231 Masterworks British Lit: Late 18th Century - Present  
- ENGL 240 American Tradition in Literature  
- ENGL 251 Great Books I: Ancient & Classical World  
- ENGL 252 Great Books II: Emergence of Europe  
- ENGL 253 Great Books III: Age of Revolution  
- FR 233 Critical Readings in French Literature  
- GER 233 Critical Readings in German Literature  
- HNRS 251 Great Books I: Ancient & Classical World  
- SPAN 233 Introduction to Hispanic Readings  

#### C1 Literature  
**Credit**: 4 4 4  
**Courses**:  
- PHIL 230 Philosophical Classics: Metaphysics & Epistemology  
- PHIL 231 Philosophical Classics: Social & Political Philosophy  

#### C2 Philosophy  
**Credit**: 4 4 4  
**Courses**:  
- ARCH 217 History of Architecture  
- ARCH 218 History of Architecture  
- ARCH 219 History of Architecture  
- ART 101 Fundamentals of Art  
- ART 111 Introduction to Art  
- ART 112 Survey of Western Art  
- ART 148 Sculpture  
- DANC 221 Dance Appreciation  
- MU 101 Introduction to Music Theory  
- MU 120 Music Appreciation  
- MU 221 Jazz Styles (USCP)  
- MU 229 Music of the 60's: War and Peace (USCP)  
- SCOM 208 Performance of Literature  
- TH 210 Introduction to Theatre  
- TH 227 Theatre History: Classical  
- TH 228 Theatre History: 18th Century to Contemporary  

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2003-2005 Cal Poly Catalog
### C4 Upper-division elective
4 4 4

Courses from student’s Major Dept will not receive C4 credit

- ARCH 320 History of Asian Arch & the Built Environment
- ART 314 History of Photography
- ART 318 Asian Art: National, Religion & Intel Movements
- DANC 311 Dance in American Musical Theatre
- DANC 321 Cultural Influences on Dance in America (USCP)
- ENGL 330 Brit Lit: Age of Belief to 1485
- ENGL 331 Brit Lit: Age of Discovery, 1485-1600
- ENGL 332 Brit Lit: Age of Enlightenment, 1660-1798
- ENGL 333 Brit Lit: Age of Romanticism, 1798-1832
- ENGL 334 Brit Lit: Age of Industrialism, 1832-1914
- ENGL 335 Brit Lit: Age of Modernism: 1914-Present
- ENGL 338 Intro Shakespeare: London
- ENGL 339 Intro Shakespeare
- ENGL 340 Literary Sources American Character: 1600-1865
- ENGL 341 Literary Sources American Character: 1865-1914
- ENGL 342 Literary Sources American Character: 1914-1956
- ENGL 343 Multiple Voices Contemp Amer Lit: 1956 - Present
- ENGL 345 Women Writers of 20th Century (USCP)
- ENGL 346 Ethnic American Lit (USCP)
- ENGL 347 African American Literature (USCP)
- ENGL 349 Gender in 20th-Century Literature (USCP)
- ENGL 350 Modern Novel
- ENGL 351 Modern Poetry
- ENGL 352 Modern Drama
- ENGL 353 Drama in London
- ENGL 354 Bible as Literature and in Literature and the Arts
- ENGL 370 World Cinema
- ENGL 371 Film Styles and Genres
- ENGL 372 Film Directors
- ENGL 380 Literary Themes
- ENGL 381 Diversity in 20th-Century American Lit (USCP)
- ENGL 386 Creative Nonfiction
- ENGL 387 Fiction Writing
- ENGL 388 Poetry Writing
- ES 300 Chicano/a Non-Fiction Literature (USCP)
- ES 321 Native American Cultural Images (USCP)
- ES 360 Ethnicity & Land (USCP)
- FNR 360 Ethnicity & Land (USCP)
- FR 305 Significant Writers in French
- FR 350 French Literature in English Translation
- GER 305 Significant Writers in German
- GER 350 German Literature-English Translation
- HNRS 304 Values and Technology
- HNRS 320 Values, Media, Culture
- HUM 303 Values and Technology
- HUM 310 World Cultures
- HUM 312 Chicano/a Culture (USCP)
- HUM 320 Values, Media, Culture
- HUM 340 Content of Our Character
- HUM 361 Modernism
- MU 324 Music and Society
- MU 328 Women in Music
- PHIL 311 Greek Philosophy
- PHIL 312 Medieval Philosophy
- PHIL 313 Continental Philosophy: Descartes to Leibniz
- PHIL 314 British Philosophy: Bacon to Mill
- PHIL 315 German Philosophy: Kant to Nietzsche
- PHIL 316 Contemporary European Philosophy
- PHIL 317 Contemporary British & American Philosophy
- PHIL 320 Asian Philosophy
- PHIL 321 Philosophy of Science
- PHIL 331 Ethics
- PHIL 332 History of Ethics
- PHIL 333 Political Philosophy
- PHIL 334 Philosophy of Law
- PHIL 335 Social Ethics (USCP)
- PHIL 337 Business Ethics
- PHIL 338 Ethics and Education
- PHIL 339 Biomedical Ethics
- PHIL 340 Environmental Ethics
- PHIL 342 Philosophy of Religion
- PHIL 350 Aesthetics
- RELS 304 Judaism
- RELS 305 Christian Origins
- RELS 306 Hinduism
- RELS 307 Buddhism
- RELS 309 Monotheism: The Bible and the Quran
- RELS 336 Religion, Gender and Society (USCP)
- SCOM 308 Group Performance of Literature
- SPAN 305 Significant Writers in Spanish
- SPAN 340 Chicano/a Authors (USCP)
- SPAN 350 Hispanic Literature in English Translation
- SPAN 351 Latino/a Writers in U. S. (USCP)
- TH 310 Women's Theatre
- TH 320 Black Theatre (USCP)
- WS 336 Religion, Gender and Society (USCP)

### Area C Elective (one course from C1-C4)
4 0 0

### AREA D/E: SOCIETY & INDIVIDUAL

#### D1 The American Experience (40404)
20 20 16

- ES 112 Race, Culture, Politics in the U.S. (USCP)
- HIST 206 American Cultures (USCP)
- HIST 207 Freedom and Equality in American History (USCP)
- HNRS 112 Race, Culture, Politics in the U.S. (USCP)
- POLS 112 American and California Government

#### D2 Political Economy
4 4 4

- ECON 201 Survey of Economics
- ECON 222 Macroeconomics
- HIST 213 Modern Political Economy
- HIST 214 Political Economy of Latin America & Middle East
- HNRS 201 Survey of Economics
- SOC 218 International Political Economy

#### D3 Comparative Social Institutions
4 4 4

- ANT 201 Cultural Anthropology
- ES 212 Global Origins of U.S. Cultures (USCP)
- GEOG 150 Intro to Cultural Geography
- HIST 215 Comparative World History
- HNRS 212 Global Origins of U.S. Cultures (USCP)
- HNRS 215 Comparative World History
- SOC 110 Comparative Societies
D4 Self Development (CSU Area E)  |  4  |  4  |  4  
FSN 250 Food and Nutrition: Customs & Culture (USCP)  
KINE 250 Healthy Living  
KINE 255 Personal Health: Multi-cultural Approach (USCP)  
PSY 201 Introduction to Psychology  
PSY 202 Introduction to Psychology  

D5 Upper-division elective  |  4  |  4  |  0  
Courses from student's Major Dept will not receive D5 credit  
ANT 325 Precolombian Mesoamerica  
ANT 344 Sex, Death & Human Nature  
ANT 360 Human Cultural Adaptations  
BUS 311 Managing Technology International Legal Envirn  
CRP 334 Cities in Globalizing World  
ECON 303 Econ of Poverty Discrimination Immigration (USCP)  
ECON 304 Comparative Econ Systems  
ECON 322 Economic History of the Advanced World  
ES 308 Fire and Society  
ES 320 African American Cultural Images (USCP)  
ES 322 Asian American Cultural Images (USCP)  
ES 323 Mexican American Cultural Images (USCP)  
ES 330 Chinese American Experience (USCP)  
FNR 308 Fire and Society  
FNR 323 Human Dimensions Natural Resource Management  
GEOG 300 Geography of United States  
GEOG 301 Geography of Resource Utilization  
GEOG 308 Global Geography  
HIST 306 The Witch-Hunt in Europe  
HIST 307 European Thought, 1800-2000  
HIST 308 Trans-Atlantic Slave Trade  
HIST 309 Cultures of West Africa & African Diaspora  
HIST 310 East Asian Culture & Civilization  
HIST 320 Colonial & Revolutionary America  
HIST 321 Civil War America  
HIST 322 Modern America  
HNR 303 Econ of Poverty Discrimination Immigration (USCP)  
HUM 316 London: From Roman Colony to World Capitol  
KINE 323 Sport and Gender (USCP)  
POLS 325 Global Political Issues  
POLS 338 Critical Issues American Politics  
POLS 339 Comparative Political Systems  
POLS 384 Citizenship, Society and Self  
PSY 311 Environmental Psychology  
PSY 318 Psychology of Aging  
PSY 352 Conflict Resolution: Violent & Nonviolent  
SOC 315 Global Race Relations  
SOC 326 Sociology of the Life Cycle  
SOC 377 Sociology of Religion  
WS 301 Introduction to Women’s Studies (USCP)  
WS 311 Women in Cross Cultural Perspectives  

AREA F: TECHNOLOGY ELECTIVE (upper division)  |  4  |  4  |  0  
Courses from student's Major Dept will not receive Area F credit  
AERO 310 Air and Space  
AG 315 Organic Agriculture  
AG 350 The Global Environment  
AG 360 Holistic Management  
BIO 307 World Aquaculture: Apps, Methods & Trends  
BIO 317 Introduction to the World of Spatial Information  
BRAE 340 Irrigation Water Mgmt  
BRAE 348 Energy for a Sustainable Society  
BUS 350 The Global Environment  
CHEM 349 Chemical and Biological Warfare  
CSC 302 Computers & Society  
CSC 310 Computers for Poets  
EDES 350 The Global Environment  
ENG 302 Transportation & Manufacturing in 21st Century  
ENG 350 The Global Environment  
ENVE 324 Intro Air Pollution  
FNR 312 Technology of Wildland Fire Management  
FNR 317 Introduction to the World of Spatial Information  
FNR 321 Water Systems Technology, Issues and Impacts  
FSN 319 Food Technology/Customer  
GEOG 317 Introduction to the World of Spatial Information  
GRC 377 Desktop Publishing for Print and World Wide Web  
HIST 354 History Network Technology  
HIST 358 Cloning  
HIST 359 Living in the Material World  
HUM 302 Human Values in Agriculture  
HNR 310 Air and Space  
HUM 330 Cal Poly Land: Nature, Technology & Society  
HUM 350 The Global Environment  
IME 320 Human Factors & Technology  
IT 336 Textile Technology  
IT 341 Plastics Processes & Applications  
LA 317 Introduction to the World of Spatial Information  
MATE 359 Living in the Material World  
ME 321 Solar Energy  
POLS 333 World Food Systems  
PSC 307 Nuclear Weapons in Post-Soviet World  
PSC 320 Energy & Environment for New Millennium  
SCM 320 Technology in London  
SCM 325 Genetic Engineering Technology  
SCM 350 The Global Environment  

Total GE Units  |  72  |  72  |  72  

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