

## 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 83 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 advisers and curriculum displays for specific courses which 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 3

<b>GE 2001 REQUIREMENTS</b> <a href="http://www.calpoly.edu/~acadprog/gened/">www.calpoly.edu/~acadprog/gened/</a>			
<p><b>Most Majors</b>=Colleges of Agriculture, Architecture &amp; Environmental Design, Business, Science &amp; Mathematics, and Computer Science Program. <b>CLA</b>=College of Liberal Arts. <b>ENGR</b>=Engineering Titled Programs.</p> <p>Some programs indicate specific GE courses to fulfill Major and Support course requirements.</p> <p>Courses from student's Major may not be used to fulfill Areas C4, D5 or F.</p> <p>✓ non-unit requirement</p> <p>All GE courses are 4 units unless otherwise indicated.</p>			
	Most Majors	CLA only	ENGR only
<b>GE Units Taken in Residence</b>	12	12	12
<b>GE Upper Division Units Required</b>	12	12	8
<b>AREA A COMMUNICATION</b>	12	12	12
<b>A1 Expository Writing</b>	4	4	4
<b>A2 Oral Communication</b>	4	4	4
<b>A3 Reasoning, Argumentation, and Writing</b>	4	4	4
<b>AREA B SCIENCE &amp; MATH</b>	16	20	28
<b>B1 Mathematics/Statistics</b>	8	8	8
<b>B2 Life Science</b>	4	4	4
<b>B3 Physical Science</b>	4	4	4
<b>B4 One lab taken with B2 or B3 course</b>	✓	✓	✓
<b>B5 elective (for CLA students only)</b>			
<b>CLA students: (One from B1-B5)</b>		4	
<b>B6 Upper-division (Engineering)</b>			4
<b>Engineering: Additional Area B</b>			8
<b>AREA C ARTS AND HUMANITIES</b>	20	16	16
<b>C1 Literature</b>	4	4	4
<b>C2 Philosophy</b>	4	4	4
<b>C3 Fine and Performing Arts</b>	4	4	4
<b>C4 Upper-division elective</b>	4	4	4
<b>Area C Elective (One from C1-C4)</b>	4	0	0
<b>AREA D/E SOCIETY/INDIVIDUAL</b>	20	20	16
<b>D1 The American Experience (40404)</b>	4	4	4
<b>D2 Political Economy</b>	4	4	4
<b>D3 Comparative Social Institutions</b>	4	4	4
<b>D4 Self Development (CSU Area E)</b>	4	4	4
<b>D5 Upper-division elective</b>	4	4	0
<b>AREA F TECHNOLOGY (upper-div)</b>	4	4	0
<b>TOTAL GE UNITS</b>	<b>72</b>	<b>72</b>	<b>72</b>

## Chart 1

<b>GE Requirements for Catalogs Prior to 2001-03</b>	
<b>Minimum Requirements:</b> Total of 72 units of GE courses. 3 GE courses shall be earned in residence. 3 GE courses must be at the 300-400 level. Courses from student's Major may not be used to fulfill C3 or D4b. You may need to select courses from the <i>equivalent GE 2001 Areas, as indicated in parentheses below.</i> <i>Consult Advising Charts at</i> <a href="http://www.calpoly.edu/~acadprog/gened">www.calpoly.edu/~acadprog/gened</a>	
<b>AREA A Communication (minimum 11 units)</b> <i>Take one course from A1 and one course from A3:</i> A1 Expository Writing ( <i>Area A1</i> ) A3 Speech ( <i>Area A2</i> ) <i>Take a minimum of one course from either A2 or A4:</i> A2 Critical Thinking ( <i>Area A3</i> ) A4 Argumentative Writing ( <i>Area A3</i> )	
<b>AREA B Science and Mathematics (minimum 15 units)</b> <i>Take one course from B1a &amp; one from B1b; one with lab (B4):</i> B1a Physical Science ( <i>Area B3</i> ) B1b Life Science ( <i>Area B2</i> ) <i>Take two courses from B2 MATH and/or STAT.</i> B2 Mathematics and/or Statistics ( <i>Area B1</i> ) <i>If less than 15, take one additional course from B1 or B2.</i>	
<b>AREA C Arts and Humanities (minimum 15 units)</b> <i>Take one course from each Area C category:</i> C1a Literature ( <i>Area C1</i> ) C1b Philosophy ( <i>Area C2</i> ) C2 Fine/Performing Arts ( <i>Area C3</i> ) C3 Lit/Phil/Arts (300-400 level) ( <i>Area C4</i> ) <i>If less than 15, take one additional course from C1, C2, C3</i>	
<b>AREA D Social, Political, Economic Inst. (min. 15 units)</b> <i>Take a minimum of one course from either D1a or D1b (Area D1):</i> D1a American institutions (History) ( <i>Area D1</i> ) D1b American institutions (Government) ( <i>Area D1</i> ) <i>Take one course from three of the following four categories: D2, D3, D4a, D4b:</i> D2 History ( <i>HIST 315 or Area D5 HIST course</i> ) D3 Economic institutions ( <i>Area D2</i> ) D4a Social institutions elective ( <i>Area D3</i> ) D4b Social institutions elec (300-400 level) ( <i>Area D5</i> )	
<b>AREA E Life Understanding (minimum 3 units)</b> <i>Take one course from E1 or E2:</i> E1 Psychology ( <i>Area D4</i> ) E2 Life understanding elective ( <i>Area D4</i> )	
<b>AREA F Technology (minimum 2 units)</b> <b>Non-technical programs.</b> Colleges of Business (except BS Industrial Technology); Liberal Arts; Science & Mathematics. <i>Take one course from F1 or F2:</i> F1 Computer literacy ( <i>Area F</i> ) F2 Technology elective ( <i>Area F</i> ) <b>Technical programs.</b> Colleges of Agriculture; Arch & Env Design; Engineering; & BS Industrial Technology program <i>Take one course from F1:</i> F1 Computer literacy ( <i>Area F</i> )	
<b>Additional GE Courses</b> <i>To complete 72-unit requirement, select additional courses from Areas A, B, C, D, E. No more than one additional course per Area.</i>	

## Chart 2

<b>Advising Information for Students Changing to the 2001-2003 Catalog</b>			
<b>Most Majors</b> =Colleges of Agriculture, Architecture & Environ Design, Business, Science & Mathematics, and Computer Science Program. <b>CLA</b> =College of Liberal Arts. <b>ENGR</b> =Engineering Titled Programs. Some programs require specific GE courses in the Major and/or Support. GE Certification <i>may</i> affect the following Area minimums. ✓ non-unit requirement Courses from student's Major may not be used to fulfill C4, D5 or F <i>Consult Advising Charts at</i> <a href="http://www.calpoly.edu/~acadprog/gened">www.calpoly.edu/~acadprog/gened</a>			
	<b>Most Majors</b>	<b>CLA only</b>	<b>ENGR only</b>
<b>GE Units Taken in Residence</b>	<b>12</b>	<b>12</b>	<b>12</b>
<b>GE Upper Division Units Required</b>	<b>12</b>	<b>12</b>	<b>8</b>
Students must satisfy <i>both</i> the minimum number of units <i>and</i> courses.		<b>Minimum Units (Minimum # Courses)</b>	
<b>AREA A COMMUNICATION</b>	<b>11</b>	<b>11</b>	<b>11</b>
<b>A1 Expository Writing</b>	<i>(1 course)</i>		
<b>A2 Oral Communication</b>	<i>(1 course)</i>		
<b>A3 Reasoning, Argumentation, Writing</b>	<i>(1 course)</i>		
<b>AREA B SCIENCE &amp; MATH</b>	<b>15</b>	<b>18</b>	<b>26</b>
<b>B1 Mathematics/Statistics</b>	<i>(2 courses)</i>		
<b>B2 Life Science</b>	<i>(1 course)</i>		
<b>B3 Physical Science</b>	<i>(1 course)</i>		
<b>B4 One lab taken with B2 or B3 course</b>	✓	✓	✓
<b>B5 elective (for CLA students only)</b>	--	--	--
<b>CLA students: (1 course from B1-B5)</b>	0	(1)	0
<b>B6 Upper-division (Engineering)</b>	0	0	(1)
<b>Engineering: Additional Area B</b>	0	0	(2)
<b>AREA C ARTS AND HUMANITIES</b>	<b>18</b>	<b>15</b>	<b>16</b>
<b>C1 Literature</b>	<i>(1 course)</i>		
<b>C2 Philosophy</b>	<i>(1 course)</i>		
<b>C3 Fine and Performing Arts</b>	<i>(1 course)</i>		
<b>C4 Upper-division elective</b>	<i>(1 course)</i>		
<b>Area C Elective (1 course from C1-C4)</b>	(1)	0	0
<b>AREA D/E SOCIETY/INDIVIDUAL</b>	<b>18</b>	<b>18</b>	<b>16</b>
<b>D1 The American Experience</b>	<i>(1 course)</i>		
<b>D2 Political Economy</b>	<i>(1 course)</i>		
<b>D3 Comparative Social Institutions</b>	<i>(1 course)</i>		
<b>D4 Self Development</b>	<i>(1 course)</i>		
<b>D5 Upper-division elective</b>	(1)	(1)	0
<b>AREA F TECHNOLOGY(upper div)</b>	<b>3</b>	<b>3</b>	<b>0</b>
<b>ADDITIONAL GE (if needed to complete 72-unit requirement)</b>			
<b>TOTAL GE UNITS</b>	<b>72</b>	<b>72</b>	<b>72</b>

## GE 2001 REQUIREMENTS

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**Most Majors**=Colleges of Agriculture, Architecture & Environmental Design, Business, Science & Mathematics, and Computer Science Program. **CLA**=College of Liberal Arts. **ENGR**=Engineering Titled Programs.

Some programs indicate specific GE courses to fulfill Major and Support course requirements.

✓ non-unit requirement

All GE courses are 4 units unless otherwise indicated.

	Most Majors	CLA only	ENGR only
<b>Total GE Units Required</b>	<b>72</b>	<b>72</b>	<b>72</b>
<b>GE Units Taken in Residence</b>	<b>12</b>	<b>12</b>	<b>12</b>
<b>GE Upper Division Units Required</b>	<b>12</b>	<b>12</b>	<b>8</b>
<b>AREA A: COMMUNICATION</b>	<b>12</b>	<b>12</b>	<b>12</b>
<b>A1 Expository Writing</b>	<b>4</b>	<b>4</b>	<b>4</b>
ENGL 133 Writing: Exposition for ESL Students ENGL 134 Writing: Exposition			
<b>A2 Oral Communication</b>	<b>4</b>	<b>4</b>	<b>4</b>
SCOM 101 Public Speaking SCOM 102 Principles of Speech Communication			
<b>A3 Reasoning, Argumentation, and Writing</b>	<b>4</b>	<b>4</b>	<b>4</b>
ENGL 145 Reasoning, Argumentation, and Writing ENGL 148 Reasoning, Argumentation, and Technical Writing ENGL 149 Technical Writing for Engineers HNRS 145 Reasoning, Argumentation, and Writing HNRS 148 Reasoning, Argumentation, and Technical Writing HNRS 149 Technical Writing for Engineers PHIL 126 Logic and Argumentative Writing SCOM 126 Argument & Advocacy SCOM 145 Reasoning, Argumentation and Writing			

<b>AREA B: SCIENCE &amp; MATH</b>	<b>16</b>	<b>20</b>	<b>28</b>
<b>B1 Mathematics/Statistics</b>	<b>8</b>	<b>8</b>	<b>8</b>
HNRS 141 Calculus I HNRS 142 Calculus II HNRS 143 Calculus III MATH 112 Nature of Modern Math MATH 117 Pre-Calculus Algebra II MATH 118 Pre-Calculus Algebra MATH 119 Pre-Calculus Trigonometry MATH 120 Pre-Calculus Algebra & Trigonometry (5) MATH 141 Calculus I MATH 142 Calculus II MATH 143 Calculus III MATH 161 Calculus for the Life Sciences I MATH 162 Calculus for the Life Sciences II			

MATH 221 Calculus for Business and Economics
STAT 130 Intro Statistical Reasoning
STAT 217 Intro to Statistical Concepts and Methods
STAT 218 Applied Statistics for the Life Sciences
STAT 221 Intro Probability and Statistics
STAT 251 Statistical Inference for Management I (5)
STAT 252 Statistical Inference for Management II (5)
STAT 313 Applied Experimental Design & Regression Models

	Most Majors	CLA only	ENGR only
<b>B2 Life Science (B2&amp;4=lab course)</b>	<b>4</b>	<b>4</b>	<b>4</b>
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) BIO 227 Wildlife Conservation Bio BOT 121 General Botany (B2&4) MCRO 221 Surv Microbiology (B2&4) MCRO 224 Gen Microbio I (5) (B2&4) <i>For Engineering students only; concurrent enrollment required:</i> BIO 213 Life Science for Engineers (2) <i>and</i> ENGR/BRAE 213 Bioengineering Fundamentals (2)			
<b>B3 Physical Science (B3&amp;4=lab course)</b>	<b>4</b>	<b>4</b>	<b>4</b>
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 205 Earthquakes HNRS 131 General Physics (B3&4) PHYS 104 Introductory Physics PHYS 121 College 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 103 Physical Environment: Earth & Universe			
<b>B4 One lab taken with B2 or B3 course</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
<b>B5 elective (GE option for College of Liberal Arts students only).</b>	<b>--</b>	<b>--</b>	<b>--</b>
BIO 112 Environmental Biology & Conservation 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			
<b>CLA students: (Select one from B1-B5)</b>	<b>0</b>	<b>4</b>	<b>0</b>

	Most Majors	CLA only	ENGR only
<b>B6 Upper-division Area B (ENGR only)</b>	<b>0</b>	<b>0</b>	<b>4</b>
CSC 341 Numerical Engineering Analysis GEOL 305 Fundamentals Seismology MATH 317 Topics in Engineering Mathematics MATH 318 Advanced Engineering Mathematics STAT 312 Statistical Methods for Engineers STAT 321 Probability & Statistics for Engineers and Scientists			
<b>Engineering: Additional Area B</b>	<b>0</b>	<b>0</b>	<b>8</b>

<b>AREA C: ARTS AND HUMANITIES</b>	<b>20</b>	<b>16</b>	<b>16</b>
<b>C1 Literature</b>	<b>4</b>	<b>4</b>	<b>4</b>
ENGL 230 Masterworks British Literature through 18 <sup>th</sup> 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			
<b>C2 Philosophy</b>	<b>4</b>	<b>4</b>	<b>4</b>
PHIL 230 Philosophical Classics: Metaphysics & Epistemology PHIL 231 Philosophical Classics: Social & Political Philosophy			
<b>C3 Fine and Performing Arts</b>	<b>4</b>	<b>4</b>	<b>4</b>
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: 18 <sup>th</sup> Century to Contemporary			
<b>C4 Upper-division elective</b>	<b>4</b>	<b>4</b>	<b>4</b>
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 Creative Writing: Fiction ENGL 388 Creative Writing: Poetry 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 GER 305 Significant Writers in German GER 350 German Literature-English Translation 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 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
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PHIL 342 Philosophy of Religion PHIL 350 Aesthetics RELS 304 Judaism RELS 305 Christian Origins RELS 306 Hinduism RELS 307 Buddhism 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)			
<b>Area C Elective (one course from C1-C4)</b>	<b>4</b>	<b>0</b>	<b>0</b>

	<b>Most Majors</b>	<b>CLA only</b>	<b>ENGR only</b>
<b>AREA D/E: SOCIETY &amp; INDIVIDUAL</b>	<b>20</b>	<b>20</b>	<b>16</b>
<b>D1 The American Experience (40404)</b>	<b>4</b>	<b>4</b>	<b>4</b>
ES 112 Race, Culture, Politics in the U.S. (USCP) HIST 206 American Cultures: Early Republic-Present (USCP) HIST 207 Freedom and Equality in American History (USCP) POLS 112 American and California Government			
<b>D2 Political Economy</b>	<b>4</b>	<b>4</b>	<b>4</b>
ECON 201 Survey of Economics ECON 222 Macroeconomics HIST 213 Modern Political Economy HIST 214 Political Economy of Latin America & Middle East SOC 218 International Political Economy			
<b>D3 Comparative Social Institutions</b>	<b>4</b>	<b>4</b>	<b>4</b>
ANT 201 Cultural Anthropology ES 212 Global Origins of U.S. Cultures (USCP) GEOG 150 Intro to Cultural Geography HIST 215 Comparative World History SOC 110 Comparative Societies			
<b>D4 Self Development (CSU Area E)</b>	<b>4</b>	<b>4</b>	<b>4</b>
FSN 250 Food and Nutrition: Customs & Culture (USCP) KINE 250 Healthy Living KINE 255 Personal Health: Multi-cultural Approach (USCP) PSY 201 Intro to Psychology PSY 202 Intro to Psychology			
<b>D5 Upper-division elective</b>	<b>4</b>	<b>4</b>	<b>0</b>
ANT 325 Precolumbian Mesoamerica ANT 344 Sex, Death & Human Nature ANT 360 Human Cultural Adaptations BUS 311 Managing Technology International Legal Environm 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 POLS 325 Global Political Issues POLS 338 Critical Issues American Politics POLS 339 Comparative Political Systems POLS 384 Citizenship, Society and Self PSY 352 Conflict Resolution: Violent & Nonviolent SOC 315 Global Race Relations SOC 326 Sociology of the Life Cycle SOC 377 Sociology of Religion WS 311 Women in Cross Cultural Perspectives			
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<b>AREA F: TECHNOLOGY ELECTIVE (upper division)</b>	<b>4</b>	<b>4</b>	<b>0</b>
AERO 310 Air and Space BIO 348 Bioinformatics BRAE 340 Irrigation Water Mgmt BRAE 348 Energy for a Sustainable Society CHEM 348 Bioinformatics CSC 302 Computers & Society CSC 310 Computers for Poets CSC 348 Bioinformatics ENGR 302 Transportation & Manufacturing in 21 <sup>st</sup> Century ENVE 324 Intro Air Pollution FNR 312 Technology of Wildland Fire Management FNR 321 Water Systems Technology, Issues and Impacts FSN 319 Food Technology/Customer GRC 377 Desktop Publishing for Print and World Wide Web HIST 354 History Network Technology HIST 358 Cloning HIST 359 Living in a Material World HNRS 310 Air and Space HUM 302 Human Values in Agriculture IME 320 Human Factors & Technology IT 341 Plastics Processes & Applications MATE 359 Living in the Material World ME 321 Solar Energy 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			

<b>Total GE Units</b>	<b>72</b>	<b>72</b>	<b>72</b>
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