BS ANTHROPOLOGY AND GEOGRAPHY

Program Learning Objectives

1. Understand and appreciate the cultural and physical attributes of major world regions, key regional issues and linkages between regions, the processes that shape cultural change and interaction, and international development issues.

2. Demonstrate an in-depth knowledge of human ecology with specific emphasis on the ecological, demographic, genetic, developmental, and epidemiological dimensions of modern human adaptations and their evolutionary foundations over time and space.

3. Comprehend the historical place of humans around the globe and apply acquired skills for cultural resource management and conservation.

4. Analyze the processes that shape the earth’s physical environment (e.g. climate, landforms, water, soils, biota, and ecosystems), the distributions of natural resources, and the ways in which humans utilize natural resources and impact the environment with an emphasis on sustainability.

5. Apply scientific research methodology and design, including the ability to collect, synthesize, and interpret qualitative and quantitative cultural and ecological data using a variety of methods including the utilization of geospatial technologies (GIS, remote sensing, and GPS).

6. Critically analyze issues from multiple perspectives and communicate results effectively.

7. Synthesize information and utilize acquired skills locally and globally to improve the state of the environment and the human condition by applying cultural, ecological, and spatial knowledge, methods, and techniques.

Degree Requirements and Curriculum

In addition to the program requirements listed on this page, students must also satisfy requirements outlined in more detail in the Minimum Requirements for Graduation (https://catalog.calpoly.edu/generalrequirementsbachelorsdegree/#generaleducationtext) section of this catalog, including:

- 60 units of upper-division courses
- Graduation Writing Requirement (GWR)
- 2.0 GPA
- U.S. Cultural Pluralism (USCP)

Note: No Major, Support or Concentration courses may be selected as credit/no credit.

MAJOR COURSES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT 201</td>
<td>Cultural Anthropology (D2)</td>
<td>4</td>
</tr>
<tr>
<td>ANT 202</td>
<td>World History Before Writing (GE Electives)</td>
<td>4</td>
</tr>
<tr>
<td>ANT 250</td>
<td>Biological Anthropology (B2)</td>
<td>4</td>
</tr>
<tr>
<td>ANT 360</td>
<td>Human Cultural Adaptations</td>
<td>4</td>
</tr>
<tr>
<td>ANT 384</td>
<td>Professional Preparation for Anthrologists/Geographers</td>
<td>1</td>
</tr>
<tr>
<td>or GEOG 384</td>
<td>Professional Preparation for Anthrologists/Geographers</td>
<td></td>
</tr>
</tbody>
</table>

ANT/GEOG 455 Anthropology-Geography Research Design and Methods | 4 |

ANT 465 or GEOG 465 Internship | 3 |

GEOG 150 Human Geography | 4 |
GEOG 218 Applications in GIS | 4 |
GEOG/ERSC 250 Physical Geography | 4 |

GEOG 308 Global Geography (Upper-Division D) | 4 |
GEOG 350 The Global Environment (Upper-Division B) | 4 |

Methodological Elective, select from the following: 4

ANT 310 Archaeological Field Methods
ANT 311 Archaeological Laboratory Methods
ANT 393 Action-oriented Ethnography
GEOG 328 Applications in Remote Sensing and GIS
GEOG 441 Advanced Applications in Geospatial Technologies

Regional Geography Elective, select from the following: 4

GEOG 340 Geography of California
GEOG 370 Geography of Latin America
GEOG 380 Geography of the Caribbean

ANT Electives (300-400 level) 8
GEOG Elective (300-400 level) 4
ANT, GEOG, or SOC Elective (300-400 level) 8

Concentration or Individualized Course of Study (see below) 28

STAT 217 Introduction to Statistical Concepts and Methods (B4) 4

Select from the following: 4

ANT 461 Senior Project I
& ANT 462 Senior Project II
GEOG 461 Senior Project I
& GEOG 462 Senior Project II

GENERAL EDUCATION (GE)

(See GE program requirements below.) 48

FREE ELECTIVES

Free Electives 24

Total units 180

1. Required in Major or Support; also satisfies General Education (GE) requirement.
2. Approved study abroad course may substitute.
3. If a General Education (GE) course is used to satisfy a Major or Support requirement, additional units of Free Electives may be needed to complete the total units required for the degree.

Concentrations

Students may select one of the following concentrations or the individualized course of study.

- Environmental Studies and Sustainability (https://catalog.calpoly.edu/collegesandprograms/collegeofliberalarts/)
Individualized Course of Study

An Individualized Course of Study should consist of 28 units, with at least 16 units at the 300-400 level. Courses are selected by the student in consultation with an advising faculty member. The student must also provide a written justification for the courses and the way they constitute a cohesive, integrated course of study. The list of courses is a contract between the student and the Department.

General Education (GE) Requirements

- 72 units required, 24 of which are specified in Major and/or Support.
- If any of the remaining 48 units is used to satisfy a Major or Support requirement, additional units of Free Electives may be needed to complete the total units required for the degree.
- See the complete GE course listing (https://catalog.calpoly.edu/generalrequirementsbachelorsdegree/ #generaleducationtext).
- A grade of C- or better is required in one course in each of the following GE Areas: A1 (Oral Communication), A2 (Written Communication), A3 (Critical Thinking), and B4 (Mathematics/Quantitative Reasoning).

<table>
<thead>
<tr>
<th>Area A</th>
<th>English Language Communication and Critical Thinking</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>Oral Communication</td>
</tr>
<tr>
<td>A2</td>
<td>Written Communication</td>
</tr>
<tr>
<td>A3</td>
<td>Critical Thinking</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Area B</th>
<th>Scientific Inquiry and Quantitative Reasoning</th>
</tr>
</thead>
<tbody>
<tr>
<td>B1</td>
<td>Physical Science</td>
</tr>
<tr>
<td>B2</td>
<td>Life Science (4 units in Major)</td>
</tr>
<tr>
<td>B3</td>
<td>One lab taken with either a B1 or B2 course</td>
</tr>
<tr>
<td>B4</td>
<td>Mathematics/Quantitative Reasoning (4 units in Major)</td>
</tr>
</tbody>
</table>

Upper-Division B (4 units in Major) | 0

<table>
<thead>
<tr>
<th>Area C</th>
<th>Arts and Humanities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower-division courses in Area C must come from three different subject prefixes.</td>
<td></td>
</tr>
</tbody>
</table>

| Area D | Social Sciences - Select courses in Area D from at least two different prefixes |

GE Electives in Areas B, C, and D

Select courses from two different areas; may be lower-division or upper-division courses.

GE Electives (4 units in Majors plus 4 units in GE) | 4

Total units | 48

1  Required in Major or Support; also satisfies General Education (GE) requirement.