



Name: \_\_\_\_\_  
 Plan: Geography, B.S.  
 SubPlan/Option: Geospatial Analysis  
 Min. Units Required: 120 units

**2021-2022 University Catalog  
 Degree Curriculum Sheet**

**Major Required 19 units**

- GEO1010 - Physical Geography (3) (B1)
- GEO1010L - Physical Geography Lab (1) (B3)
- GEO1020 - Human Geography (3)
- GEO2400 - Geographic Information Systems (2)
- GEO2400L - Geographic Information Systems Laboratory (1)
- GEO3090 - Introduction to Field Geography (2)
- GEO3090L - Introduction to Field Geography Laboratory (1)
- GEO 35XX - Regional Geography (3)
- GEO4610 - Senior Project/Capstone 1 (3)

**Subplan/Option Required 15 units**

- GEO3220 - GIS Programing and Application (2)
- GEO3220L - GIS Programing and Application Laboratory (1)
- GEO4050 - Geodemographics with GIS Lecture (2)
- GEO4050L - Geodemographics with GIS Laboratory (1)
- GEO4100 - Remote Sensing of the Environment (2)
- GEO4100L - Remote Sensing of the Environment Laboratory (1)
- GEO4400 - Advanced GIS (2)
- GEO4400L - Advanced GIS Laboratory (1)
- GEO4430 - Quantitative Spatial Analysis (2)
- GEO4430L - Quantitative Spatial Analysis Laboratory (1)

**Subplan/Option Electives 3 units**

- GEO 3xxx or 4xxx - Geography Course (3)

**Unrestricted Electives 35-38 units**

Select a sufficient number of courses so that the total from "Major Required", "GE", and "Unrestricted Electives" is at least 102 units.

**General Education Requirements 48 Units**

Students should view their Degree Progress Report (DPR) for information regarding their General Education requirements. Unless specific GE courses are required for their major, please refer to the list of approved courses in the General Education Program in the University Catalog, catalog.cpp.edu. When viewing the catalog, students should select the catalog year associated with the GE requirements listed in their Degree Progress Report.

**Area A. English Language Communication and Critical Thinking (9 units)**

*At least 3 units from each sub-area*

1. Oral Communication
2. Written Communication
3. Critical Thinking

**Area B. Scientific Inquiry and Quantitative Reasoning (12 units)**

*At least 3 units from B1, B2, B4, and B5 including 1 unit of lab from B1 or B2 to fulfill B3*

1. Physical Sciences
2. Life Sciences
3. Laboratory Activity
4. Mathematics/Quantitative Reasoning
5. Science and Technology Synthesis

**Area C. Arts and Humanities (12 units)**

*At least 3 units from each sub-area and 3 additional units from sub-areas 1 and/or 2*

1. Visual and Performing Arts
2. Literature, Modern Languages, Philosophy and Civilization
3. Arts and Humanities Synthesis

**Area D. Social Sciences (9 units)**

*At least 3 units from each sub-area*

1. U.S. History and American Ideals
2. U.S. Constitution and California Government
4. Social Science Synthesis

**Area E. Lifelong Learning and Self-Development (3 units)**

**Area F. Ethnic Studies (3 units)**

**Interdisciplinary General Education 18 Units**

An alternate pattern for partial fulfillment of GE Areas A, C, and D available for students is the Interdisciplinary General Education (IGE) program. Students should see an advisor for specific GE coursework required by their major. Please refer to the University Catalog General Education Program section for additional information.

*How IGE fulfills General Education Requirements:*

Year	Completion of IGE Courses	Satisfies GE Requirements
First	IGE 1100, IGE 1200	A2 and C2
Second/Third	IGE 2150, IGE 2250	D1 and C2
	IGE 2350	C1
	IGE 3100	C3 or D4

**American Institutions 6 Units**

Courses that satisfy this requirement may also satisfy GE Area D1 and D2.

**Graduation Writing Test**

All persons who receive undergraduate degrees from Cal Poly Pomona must pass the Graduation Writing Test (GWT). The test must be taken by the semester following completion of 60 units for undergraduates.