



California State Polytechnic University, Pomona
Degree Curriculum Sheet

Plan (Major) **GEOGRAPHY**

Subplan/Option **Geographic Information Systems**

Catalog Year **2015 - 2016**

Minimum Units Required **180**

Name _____

Student ID _____

Required Core Courses		
Course		Units
Required of all students. A 2.0 cumulative GPA is required in core courses, including subplan courses, in order to receive a degree in the major.		
Physical Geography	GEO 101	4
Human Geography	GEO 102	4
Intro to Cartography	GEO 222/222A	3/1
Intro to Geographic Information Systems	GEO 240/240A	3/1
Climatology*	GEO 303	4
Field Geography	GEO 309	4
Urban Geography	GEO 315	4
U.S. and Canada Geography	GEO 350	4
or Geography of California*	GEO 351	(4)
or Geography of Latin America	GEO 352	(4)
or Geography of Asia	GEO 357	(4)
or Geography of Africa	GEO 358	(4)
or Europe: Land and People	GEO 359	(4)
Senior Colloquium	GEO 461	2
*Note: If course(s) is taken to satisfy GE requirements, then student will need to complete additional approved units for Required Core.		
Total Units		34

Required Subplan/Option Courses		
Course		Units
Advanced Physical Geography I	GEO 305	4
or Advanced Physical Geography II	GEO 307	(4)
Photographic Remote Sensing	GEO 410	4
Digital Image Processing	GEO 420	4
Multimedia Mapping	GEO 422/422A	3/1
Advanced Geographic Information Systems I	GEO 442/442A	3/1
Advanced Geographic Information Systems II	GEO 443/443A	3/1
Total Units		24

Elective Support Courses	
Course	Units
Any five upper division GEO courses not otherwise used to satisfy degree requirements.	
No more than 8 units in GEO 35X courses.	
Total Units	
20	
Unrestricted Electives	
Course	Units
Select a sufficient number of courses so that the total from "GE" and "Unrestricted Electives" is at least 102 units.	
*Note: If GEO 351 is used as an Elective Support Course and to satisfy "GE", then the number of Unrestricted Electives may change.	
Total Units	
34	

General Education Requirements	
Area	Units
Area A Communication & Critical Thinking	12
1. Oral Communication	
2. Written Communication	
3. Critical Thinking	
Area B Mathematics & Natural Sciences	16
Select at least one lab course from subarea 1 or 2.	
1. Physical Science	
2. Biological Science	
3. Laboratory Activity	
4. Math/Quantitative Reasoning	
5. Science & Technology Synthesis	
Area C Humanities	16
1. Visual and Performing Arts	
2. Philosophy and Civilization	
3. Literature and Foreign Language	
4. Humanities Synthesis	
Area D Social Sciences	20
1. U.S. History, Constitution, American Ideals	
a. United States History	
b. Introduction to American Government	
2. History, Economics and Political Science	
3. Sociology, Anthropology, Ethnic & Gender Studies	
4. Social Science Synthesis	
Area E Lifelong Understanding & Self Development	4
Total Units	
68	
American Institutions	
Courses that satisfy this requirement may also satisfy GE Area D1	
8	
American Cultural Perspectives Requirement	
Refer to catalog for list of courses that satisfy this requirement. Course may also satisfy major, minor, GE, or unrestricted elective requirements.	
4	
All persons who receive undergraduate degrees from Cal Poly Pomona must pass the Graduation Writing Test (GWT). The test must be taken by the quarter following completion of 120 units for undergraduates.	