



**California State Polytechnic University, Pomona
Degree Curriculum Sheet**

Plan (Major) GEOGRAPHY
Subplan/Option Geographic Information Systems

Catalog Year 2012-2013 Name _____
Minimum Units Required 180 Student ID _____

TGA _____
GWT Satisfied Yes No

Required Core Courses		
Course		Units
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
United States 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 G. E. 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 Geography courses not otherwise used to satisfy degree requirements.	20
No more than 8 units in GEO 35X courses.	
Total Units	20

Unrestricted Electives	
Course	Units
Unrestricted Electives	34-38
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, then the number of Unrestricted Electives may change.	
Total Units	34-38

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
<i>Select at least one lab course from sub-area 1 or 2.</i>	
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	
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	Units
Courses that satisfy this requirement may also satisfy G.E. Area D1	8

American Cultural Perspectives Requirement	Units
Refer to catalog for list of courses that satisfy this requirement. Course may also satisfy major, minor, GE, or unrestricted elective requirements.	4

No more than 105 community college quarter units or 36 extension credit quarter units may be applied toward a Bachelor's degree.
A minimum 2.0 cumulative GPA is required in core (including option) courses, Cal Poly Pomona courses, and overall work completed in order to receive a degree in this major.

GEOGRAPHY MINOR

Physical Geography	GEO 101	4
Human Geography	GEO 102	4
<i>Two of the following courses:</i>		
U.S. and Canada Geography	GEO 350	(4)
Geography of California	GEO 351	(4)
Geography of Latin America	GEO 352	(4)
Geography of Asia	GEO 357	(4)
Geography of Africa	GEO 358	(4)
Europe: Land and People	GEO 359	(4)
Any three Geography courses not listed above, at least one of which must be at the 300 or 400 level.	GEO XXX	(4, 4, 4)
<i>Total units required for minor</i>		<i>28</i>

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