



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

Plan (Major) GEOGRAPHY
Subplan/Option Geographic Information Systems

Catalog Year 2008-2009 Name _____
Minimum Units Required 180 Student ID _____

Evaluator _____
GWT Satisfied Yes No

Required Core Courses		
Course		Units
Physical Geography	GEO 101	4
Human Geography	GEO 102	4
Image and Map Interpretation	GEO 103	4
Intro to Geographic Information Systems	GEO 240/240A	3/1
Climatology	GEO 303	4
Field Geography	GEO 309	4
Urban Geography	GEO 315	4
One Upper Division Regional Geography Course	GEO 35X	4
Senior Colloquium	GEO 461	4
Total Units		36

Required Subplan/Option Courses		
Course		Units
Photographic Remote Sensing	GEO 410	4
Digital Image Processing	GEO 420	4
Computer Cartography	GEO 421/421L	3/1
Advanced Geographic Information Systems I	GEO 442/442A	3/1
Advanced Geographic Information Systems II	GEO 443/443A	3/1
Intern in Geographic Information Systems	GEO 451	4
Total Units		24

Elective Support Courses	
Course	Units
Any four upper division Geography courses not otherwise used to satisfy degree requirements.	16
Total Units	16

Unrestricted Electives	
Course	Units
Unrestricted Electives	36
Total Units	36

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 Fine and Performing Arts	
2 Philosophy and Civilization	
3 Literature and Foreign Language	
4 Humanities Synthesis	
Area D Social Sciences	20
* Two courses in Sub-area 1	
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
Image and Map Interpretation	GEO 103	4
<i>Two of the following courses:</i>		
Intro to Geographic Information Systems	GEO 240/240A	(3/1)
Climatology	GEO 303	(4)
Field Geography	GEO 309	(4)
Economic Geography	GEO 312	(4)
Urban Geography	GEO 315	(4)
Rural Geography	GEO 320/320A	(4)
Environmental Geography	GEO 330/330A	(4)
Geo-Demographics using GIS	GEO 405/405A	(4)
<i>Two of the following courses:</i>		
Tourism in a Globalizing World	GEO 345	(4)
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)
<i>Total units required for minor</i>		<i>28</i>

Revised 2008