



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

Plan (Major) GEOGRAPHY  
Subplan/Option Geographic Information Systems

Catalog Year 2010-2011 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	2
<b>Total Units</b>		<b>34</b>

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
<b>Total Units</b>		<b>20</b>

Elective Support Courses	
Course	Units
Any five upper division Geography courses not otherwise used to satisfy degree requirements.	20
<b>Total Units</b>	<b>20</b>

Unrestricted Electives	
Course	Units
Unrestricted Electives Select a sufficient number of courses so that the total from "GE" and "Unrestricted Electives" is at least 106 units.	38
<b>Total Units</b>	<b>38</b>

General Education Requirements	
Area	Units
<b>Area A Communication &amp; Critical Thinking</b>	<b>12</b>
1 Oral Communication	
2 Written Communication	
3 Critical Thinking	
<b>Area B Mathematics &amp; Natural Sciences</b>	<b>16</b>
<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	
<b>Area C Humanities</b>	<b>16</b>
1 Visual and Performing Arts	
2 Philosophy and Civilization	
3 Literature and Foreign Language	
4 Humanities Synthesis	
<b>Area D Social Sciences</b>	<b>20</b>
1 U.S. History, Constitution, American Ideals	
2 History, Economics and Political Science	
3 Sociology, Anthropology, Ethnic & Gender Studies	
4 Social Science Synthesis	
<b>Area E Lifelong Understanding &amp; Self Development</b>	<b>4</b>
<b>Total Units</b>	<b>68</b>

<b>American Institutions</b> Courses that satisfy this requirement may also satisfy G.E. Area D1	8
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<b>American Cultural Perspectives Requirement</b> Refer to catalog for list of courses that satisfy this requirement. Course may also satisfy major, minor, GE, or unrestricted elective requirements.	4
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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>

*Revised 2010*