**Geography/Environmental Studies Major**

**Preparation for the Major:** 5 Lower Division courses (25 units)

1) GEOG 1 or 2  
2) GEOG 3, 4 or 6  
3) GEOG 5  
4) STATS (see below)  
5) GEOG 7

**Major Requirements:** 11 Upper Division courses (44 units min.)

- To declare the Major, students must have completed TWO (2) Geography courses at UCLA with a C or better (2.0 GPA)
- Students must take 11 Upper Division courses (minimum 44 units) from the clusters below
- All courses must be taken for a letter grade, and an overall and Major GPA of 2.0 is required to graduate
- GEOG 191 (Variable Topics) may count towards the major, category to be confirmed by the Academic Counselor
- By petition, 1 Independent Research class may apply: GEOG 199 (Independent Research) or GEOG 198A (Honors Research), taken as a 4-unit, letter graded course
- All Geography Upper Division courses (GEOG 100-up) count towards the major (with a few exceptions)
- STATISTICS requirement may be satisfied by the following: STATS 10, 12, 13, ECON 41, POLI SCI 6 or PUB AFF 60

### REGIONS Cluster (1)

170 Biophysical and Social Transformations in Northern Regions  
171A North America  
171B California  
171C Metropolitan Los Angeles  
172A Spanish South America  
172B Mexico, Central America, Caribbean  
172C Brazil  
173A Cities of Europe  
174A Mediterranean World  
175A Japan in World: Culture, Place, and Global Connections  
175B Contemporary China  
175C Korean Urban Experience  
176A South and Southeast Asia

### HUMAN SYSTEMS CORE Cluster (2)

140 Social Geography  
141 Cultural Geography of Modern World  
M142 Past Societies and Their Lessons for Our Own Future  
143 Place, Identity, and Networked World  
M144 Feminist Geography  
145 Slavery and Human Trafficking  
146 Medical Geography  
148 Political Geography  
149 Border Studies  
150 Economic Geography  
151 Uneven Development Geographies  
152 Industrial Location and Regional Development  
M153 Transportation Geography  
158 Population Geography  
159 Population in Interacting World  
160 Urban Geography  
161 Cities and Social Difference  
162 Ethnicity in American Cities  
167 Geographical Discovery and Exploration  
169A Problems in Geography: Urban & Regional Develop Studies  
169B Problems in Geography: Spatial Demography & Social Processes

### PROCEDURES Cluster (2)*

178 Conservation Geography Field and Professional Practices  
180 Cartography  
181A Intermediate Geographic Information Systems  
181B Advanced Geographic Information Systems  
181C Geographic Information Systems Programming and Development  
182A Satellite Remote Sensing and Imaging Geographic Information Systems  
182B Remote Sensing: Digital Image Processing and Analysis  
182C Advanced Remote Sensing  
183 Field Analysis in Biogeography  
184 Environmental Modeling  
185 Field Methods in Physical Geography  
M186 Introduction to Spatial Statistics  
187 Research and Writing in Human Geography

### ENVIRONMENTAL STUDIES/NATURAL SYSTEMS Cluster (6)

101 Principles of Geomorphology  
M102 Soils and Environment  
M103 Soil and Water Conservation  
106 World Vegetation  
107 Forest Ecosystems  
108 Analytical Animal Geography  
109 Biogeography of Plant and Animal Invasions  
M110 Ecosystem Ecology  
111 Geography of Extinction  
116 Climatology  
117 Tropical Climatology  
M118 Applied Climatology: Principles of Climate Impact on Natural Environment  
120 Hydrology  
M125 Environmentalism: Past, Present, and Future  
M126 Environmental Change  
M127 Global Environment and Development: Problems and Issues  
128 Bioresource Management  
129 Population and Natural Resources  
130 Food and Environment  
M131 Human Impact on Biophysical Environment: What Science Has Learned  
133 Humid Tropics  
134 African Ecology and Development  
135 Africa and African Diaspora in Americas  
136 Health and the Global Environment  
137 Seminar: Environmental Studies  
138 Wildlife Conservation in Eastern and Southern Africa  
139A Problems in Geography: Physical Geography  
139B Problems in Geography: Biogeography  
139C Problems in Geography: Culture and Environment in the Modern World  
M168 Historical Geography of American Environment

*GEOG 7 is an enforced requisite for GEOG 180, 181A, and 182A and must be taken prior to enrolling in these courses. Students NOT taking GEOG 7 to count towards this major or the GIS&T minor may take it for Pass/No Pass.

For a complete list of Geography courses, visit:  
https://geog.ucla.edu/academics/courses/

www.geog.ucla.edu