

Geography/Environmental Studies Major

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Preparation for the Major: 4 Courses - 20 units

1) Geography 1 or 2

2) Geography 3, 4 or 6

3) Geography 5

4) Statistics 12

The Major: 11 courses - 44 units minimum

- To declare the Major, students must have completed at least 1 Geography course at UCLA with a C or better (2.0 GPA).
- Students must take 11 Upper Division courses (minimum 44 units) from the list of Geography courses below.
- All courses must be taken for a letter grade. Overall and Major GPA of 2.0 is required to graduate.
- GEOG 191 (Variable Topics) may count towards the major. For which category, contact the Academic Counselor.
- By petition, 1 Independent Research class may apply: Geog 199 (Independent Research) or Geog 198A (Honors Research). **Must be taken as a 4-unit, letter grade course.**

All courses below are listed under **GEOGRAPHY*

2 Courses from Natural Systems Core

100	Principles of Geomorphology
101	Coastal Geomorphology
102	Tropical Climatology
103	Paleoclimatology and Ice-Age Environments
104	Climatology
105	Hydrology
108	World Vegetation
111	Forest Ecosystems
112	Analytical Animal Geography
M127	Soils and Environment
159D	Problems in Geography: Physical Geography

1 Regions Course

119	Biophysical and Social Transformations in Northern Regions
136	Technology, Nature, and American Landscape
139	Japan in World: Culture, Place, and Global Connections
152	Cities of Europe
156	Metropolitan Los Angeles
158	Korean Urban Experience
180	North America
181	Mexico, Central America, Caribbean
182A	Spanish South America
182B	Brazil
183	Europe
184	California
185	South and Southeast Asia
186	Contemporary China
187	Middle East

2 Courses from Human Systems Core

118	Medical Geography
133	Cultural Geography of Modern World
134	Space, Place, and Nature in Western Thought
138	Place, Identity, and Networked World
140	Political Geography
141	Uneven Development Geographies
142	Population Geography
143	Population in Interacting World
144	Ethnicity in American Cities
M146	Feminist Geography
147	Social Geography
148	Economic Geography
M149	Transportation Geography
150	Urban Geography
151	Cities and Social Difference
M153	Past Societies and Their Lessons for Our Own Future
155	Industrial Location and Regional Development
159A	Problems in Geography: Urban & Regional Develop Studies
159B	Problems in Geography: Spatial Demography & Social Processes

4 Courses from Environmental Studies Cluster

M106	Applied Climatology: Principles of Climate Impact on Natural Environment
M107	Soil and Water Conservation
M109	Human Impact on Biophysical Environment: What Science Has Learned
110	Population and Natural Resources
113	Humid Tropics
114	Africa and African Diaspora in Americas
M115	Environmentalism: Past, Present, and Future
116	Biogeography of Plant and Animal Invasions
M117	Ecosystem Ecology
120	Conservation of Resources: North America
121	Conservation of Resources: Underdeveloped World
122	Wildlife Conservation in Eastern and Southern Africa
123	Bioresource Management
124	Environmental Impact Analysis
125	Health and the Global Environment
126	Geography of Extinction
M127	Soils and Environment
M128	Global Environment and Development: Problems and Issues
129	Seminar: Environmental Studies
M131	Environmental Change
132	Food, Environment, and Agriculture
135	African Ecology and Development
136	Technology, Nature, and American Landscape
M137	Historical Geography of American Environment
159C	Problems in Geography: Culture and Environment in the Modern World
159D	Problems in Geography: Physical Geography
159E	Problems in Geography: Biogeography

2 Procedures Courses*

162	Glacier Environments of California's High Sierra
163	Field Analysis in Biogeography
166	Environmental Modeling
167	Cartography
168	Intermediate Geographic Information Systems
169	Satellite Remote Sensing and Imaging Geographic Information Systems
170	Advanced Geographic Information Systems
M171	Introduction to Spatial Statistics
172	Remote Sensing: Digital Image Processing and Analysis
173	Geographic Information Systems Programming and Development
177	Field Methods in Physical Geography

*GEOG 7 is an **enforced prerequisite** for GEOG 167, 168, and 169 and must be taken **prior to enrolling** in these courses. Students not taking GEOG 7 to count towards a major/minor may take it for Pass/No Pass.

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