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 <u>TWO</u> (2) Geography courses <u>at UCLA</u> 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)

171A	North America
171B	California
171C	Metropolitan Los Angeles
172A	Spanish South America
172B	Central America
172C	Brazil
173A	Cities of Europe
174A	The Mediterranean World
175A	Japan in World: Culture, Place, and Global Connections
175B	Contemporary China
176A	South and Southeast Asia

HUMAN SYSTEMS CORE Cluster (2)

140	Social Geography
141	Cultural Geography of Modern World
M142	(When) Do Leaders Make Differences?
143	Contemporary Black Geographies
M144	Feminist Geography
145	Slavery and Human Trafficking
146	Environmental Justice and Climate Change
147	Environmental Politics and Policy
148	Political Geography
149	Border Studies
150	Economic Geography
151	Uneven Development Geographies
M153	Transportation Geography
158	Population Geography
159	Population in Interacting World
160	Urban Geography
161	Cities and Social Difference
162	Ethnicity in American Cities
169A	Problems in Geography: Urban & Regional Develop Studies

PROCEDURES Cluster (2)*

M102L	Soils, Environment and Conservation: Field
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
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
115	Natural Climate Solutions
116	Climatology
117	Tropical Climatology
M118	Applied Climatology: Principles of Climate Impact on Natural Environment
119	Global Climatology and Climate Change
120	Hydrology
M125	Environmentalism: Past, Present, and Future
M126	Environmental Change
M127	Global Environment and Development: Problems and Issues
130	Food and Environment
M131	Human Impact on Biophysical Environment: What Science Has Learned
133	Humid Tropics
135	Africa and African Diaspora in Americas
136	Health and the Global Environment
137	Hope in the Face of Mass Extinctions
138	Wildlife Conservation in Eastern and Southern Africa
139B	Problems in Geography: Biogeography
139C	Problems in Geography: Culture and Environment in the Modern World

*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/