UC SANTA BARBARA
Geography

2026-27 Upper Division Course List with Course Numbers and Titles

Physical Geography

Geog 102 Intro to Environmental Optics in Physical Geography
Geog 104 Physical Geography of the World's Oceans (or Ocean Sci Area B)
Geog 110 Introduction to Meteorology (or Ocean Sci Area D)
Geog 112 Environmental Hydrology
Geog 114A Principles of Soil Science
Geog 114B Soils of California
Geog 116 Groundwater Hydrology
Geog 119 Climatic Change and Its Consequences (or Ocean Sci Area D)
Geog 130 The Urban Environment
Geog 131 Mountain Weather & Climate (or Ocean Sci Area D)
Geog 132 Coastal Pollution (or Ocean Sci Area C)
Geog 133 Tropical Meteorology (or Ocean Sci Area D)
Geog 134 Earth System Science (or Ocean Sci Area D)
Geog 136 Field Studies in Water, Energy, and Ecosystems
Geog 137 Quantitative Geomorphology
Geog 142 Global Biogeochemical Cycles (or Ocean Sci Area D)
Geog 144 Form, Process, and Human Use of Rivers
Geog 162 Environmental Water Quality
Geog 163 Ocean Circulation (or Ocean Sci Area C)
Geog 165 Waves and Tides in the Ocean (or Ocean Sci Area C)
Geog 166 Ocean Carbon Cycle and Climate (or Ocean Sci Area C)
Geog 167 Biogeography – Study of Plant and Animal Distributions
Geog 196 Coastal Landscapes (or Ocean Science Area C)

Geographical Techniques

Geog 115A Remote Sensing of the Environment 1
Geog 115B Remote Sensing of the Environment 2
Geog 115C Remote Sensing of the Environment 3
Geog 117 Scientific Research Methods in Geography
Geog 126 Maps in Science and Society
Geog 128 Analytical and Computer Cartography
Geog 172 Intermediate Geographical Data Analysis (or GEOGP/Ocean Sci Area A)
Geog 175 Measuring our Environment
Geog 176A Introduction to Geographic Information Systems
Geog W176A Introduction to Geographic Information Systems *ONLINE*
Geog 176B Technical Issues in Geographic Information Systems
Geog 176B Technical Issues in Geographic Information Systems
Geog 176C GIS Design and Applications
Geog 178 Conceptual Modeling and Programming for the Geo-Sciences
Geog 183 Cartographic Design and Geovisualization
Geog 184 Introduction to Cartographic Programming
Geog 186 Analysis and Modeling of Movement
Geog 189 Close Range Remote Sensing of Earth Surface Processes
Geog 190 Location Theory and Modeling
Geog 191 Introduction to Optimization Methods for Geographic Problems

Human Geography

Geog 101 Transportation Futures
Geog 108 Urban Geography
Geog 109 Economic Geography
Geog 111A Transportation Planning and Modeling
Geog 111B Transportation Modeling and Simulation
Geog 111C Smart Green Cities
Geog 121 Geography of Housing
Geog 141A Population Geography
Geog 141B Population and Development
Geog 141C California Population Analysis and Policy
Geog 145 Society and Hazards
Geog 146 Introduction to Transportation
Geog 152 Health Geography
Geog 153A Behavioral Geography
Geog 153B Introduction to Spatial Decision Making and Behavior
Geog 153C Environmental Perception and Cognition
Geog 153D Spatial Decisions in Retailing
Geog 182 Global Cities in the Information Age
Geog 185A Geography Planning and Policy Making
Geog 185B Environmental Issues and Location Decision Making
Geog 185C Local and Regional Economic Analysis

Integrative and Regional Geography

Geog 113 Polar Environment
Geog 140 Environmental Impacts in Human History
Geog 148 California
Geog 149 The California Channel Islands (or Ocean Sci Area C)
Geog 150 Geography of the United States
Geog 155 Geography of Latin America
Geog 158 Introduction to Marine Resources (Or Ocean Sci Area C)
Geog 159 Geography of Europe
Geog 192 Urban and Environmental System Analysis
Geog 194 California's Coast (or Ocean Sci Area C)

Career Courses

Geog 197 Careers in Geography *GEOG majors only

Individualized Courses *departmental approval required

Geog 193 Internship in Geography
Geog 198 Readings in Geography
Geog 199 Independent Studies in Geography
Geog 199RA Independent Research Assistance in Geography

Color Key Fall 2026 Winter 2027 Spring 2027

Bold indicates Specialized Physical Geography course
Revised 9/11/2026