

GEOGRAPHY (GEOG)

GEOG-101 Physical Geography **3 Units (LEC 48-54)**

This course studies the physical environment of the earth's surface and human interaction with that environment. Emphasis is given to global patterns of climate, ecosystems, hydrology, plate tectonics, and various processes of land formation. Controversial topics, such as climate change, introduce students to concerns we have as inhabitants of this planet. A field trip is required.

Transfers to both UC/CSU

C-ID: GEOG 110

Cal-GETC Area(s): AREA-5A

AA/AS General Education: AA/AS A

GEOG-102 Cultural Geography **3 Units (LEC 48-54)**

This course offers students an understanding of global cultural diversity and humans as agents of change with emphasis on cultural elements of the human habitat. Students are introduced to the geographical aspects of population distribution, socio-economic conditions, rural and urban settlement patterns, cultural landscapes, and local ecosystems. Global patterns of distinct cultural characteristics, such as language, religion and political organization, are presented. A field trip is required.

Transfers to both UC/CSU

C-ID: GEOG 120

Cal-GETC Area(s): AREA-4

AA/AS General Education: AA/AS B2

GEOG-103 Field Studies in Geography **2-4 Units (LAB 48-108, LEC 16-36)**

This course offers field studies in physical, cultural, historic geography and Geographic Information Systems. It provides an opportunity to explore Geography and GIS concepts in the real world. Field studies may be conducted at various locations that represent the diversity of California through its mountains, deserts and beaches. Field applications using GPS and GIS enhance student understanding of spatial-temporal processes. Pre-trip homework assignments, orientation class and overnight camping are required.

Transfers to CSU only

C-ID: GEOG 160

GEOG-104 Physical Geography Lab **1 Unit (LAB 48-54)**

This laboratory course focuses on application of the principles of physical geography. Laboratory exercises include basic map skills, weather and climate, earth materials, geomorphology, fluid agents and erosion.

Prerequisite/Corequisite: GEOG-101 (with a grade of C or better).

Transfers to both UC/CSU

C-ID: GEOG 111

Cal-GETC Area(s): AREA-5C

AA/AS General Education: AA/AS A

GEOG-105 Map Interpretation and Spatial Analysis **3 Units (LEC 48-54)**

This course introduces students to the cartographic principles necessary for spatial analysis. Topics covered include the history of map making, symbolic standards, layout aesthetics, geographic coordinates and projections, map scales, map accuracy, map interpretation and reading, way finding, aerial and satellite imagery and computer assisted mapping. Students will create hand drawn and digital maps. Cartographic skills are useful to students preparing for degrees in the natural, physical, social and behavioral sciences.

Transfers to both UC/CSU

C-ID: GEOG 150

AA/AS General Education: AA/AS A

GEOG-106 Introduction to Weather and Climate **3 Units (LEC 48-54)**

This course introduces students to Earth's atmosphere. Topics include atmospheric structure and composition, solar radiation and energy balances, temperature, seasonal changes, atmospheric moisture, clouds and fog, precipitation, air pressure, winds, air masses and fronts, cyclones, weather forecasting, climate and climate change. Controversial topics, such as climate change, introduce students to potential consequences of a climate and weather system out of balance. A field trip is required.

Transfers to both UC/CSU

C-ID: GEOG 130

Cal-GETC Area(s): AREA-5A

AA/AS General Education: AA/AS A

GEOG-107 Urban Geography **3 Units (LEC 48-54)**

This course involves the study of cities, their origin, growth and sustainability. Students are introduced to several topics including problems of urbanization in less developed countries, urban architectural form, segregation and integration, neighborhoods and ghettos, and the politics and policies of urban change.

Transfers to both UC/CSU

Cal-GETC Area(s): AREA-4

AA/AS General Education: AA/AS B2

GEOG-108 World Regional Geography **3 Units (LEC 48-54)**

This course is a global survey of world cultural regions. It presents students with basic geographic concepts for studying and comparing cultural traditions, resources, economies, landscapes, and origins. The interaction of countries and regions, their global roles, issues of globalization and the conflicting pressures of cultural diversity are discussed. Contrasts between developed and underdeveloped countries are explored.

Transfers to both UC/CSU

C-ID: GEOG 125

Cal-GETC Area(s): AREA-4

AA/AS General Education: AA/AS B2

GEOG-111 Geography of California
3 Units (LEC 48-54)

This course introduces students to California's regional, physical and cultural diversity, the interrelationships between California's regional, physical and cultural landscapes, and the evolving human-environment interface and impact to landscapes. A thematic approach to the state's issues, processes and topics relevant to geography include climate, landforms, natural vegetation, water resources, cultural landscape, ethnic diversity, urban and agricultural regions, and the economy.

Transfers to both UC/CSU

C-ID: GEOG 140

Cal-GETC Area(s): AREA-4

AA/AS General Education: AA/AS B2

GEOG-115 Introduction to Geographic Information Science
2 Units (LAB 24-27, LEC 24-27)

This course prepares students with the geographic concepts necessary for technical application of Geographic/Geospatial Information Systems (GIS). Through practical applications in GIS students will use scientific methods of inquiry and computer added technology technical methods of inquiry to analyze tabular and spatial data for geographic trends, patterns and relationships. Topics include data structure, acquisition, integration, and manipulation.

Transfers to both UC/CSU

C-ID: GEOG 155

GEOG-549 Work Experience Education: Geographic Information Science
0.5-8 Units WEE 24-432

This experiential learning course places students in supervised internships related to their academic major or career interests. Through hands-on work experience, students will build upon classroom-based learning and develop transferable skills. Internship work sites must be approved by the college prior to enrollment.

Other Enrollment Criteria: Each student must be enrolled for the full semester and have completed one course in the discipline. Student must also complete a WEE Orientation and Training Plan (Agreement) prior to registration. Please refer to the Work Experience Student Handbook for specific information.

Transfers to CSU only

Offered as Pass/No Pass Only