

Geography

GEOG 101 Physical Geography

3.0 units

Acceptable for credit: Transfer to UC, CSU

C-ID Course Number: GEOG 110

Advisories: ENGL 101 - Freshman Composition: Exposition

An introduction to the earth's physical geography, addressing the origins, patterns and interconnections of weather/climate, water, landforms, living systems and human culture. (Fall, Spring) (Letter Grade or Pass/No Pass)

GEOG 102 Human Geography

3.0 units

Acceptable for credit: Transfer to UC, CSU

C-ID Course Number: GEOG 120

A historical perspective is used to explore our human role in shaping the earth's cultural landscapes. Globalization and cultural diversity are course themes. Topics include population and migration; the geography of language, religion, and social customs; economic forms; settlements; and resource problems. (Fall, Spring, Summer) (Letter Grade or Pass/No Pass)

GEOG 103 World Regional Geography

3.0 units

Acceptable for credit: Transfer to UC, CSU

C-ID Course Number: GEOG 125

A study of the world's major geographic regions. The course focuses on the increasing globalization of the world and a movement towards greater emphasis on cultural diversity. (Letter Grade or Pass/No Pass)

GEOG 105 Geography of California

3.0 units

Acceptable for credit: Limited transfer to CSU and UC

C-ID Course Number: GEOG 140

A survey of the geography of California, including the physical environment, weather and climate, population and migration, industry and agriculture, and major cultural patterns. Themes will include: cultural diversity, economic and political trends, resource issues, and the human-environment interaction. (Spring) (Letter Grade or Pass/No Pass)

GEOG 110 Introduction To Weather and Climate

3.0 units

Acceptable for credit: Transfer to UC, CSU

C-ID Course Number: GEOG 130

Advisories: GEOG 101 - Physical Geography

An introduction to the physical processes underlying atmospheric and weather phenomena, including global climate change and the impacts of various weather and climate phenomena on society. 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, dynamics of the atmosphere and ocean, weather forecasting, climate and climate change. (Letter Grade or Pass/No Pass)

GEOG 115 Physical Geography Laboratory

1.0 unit

Acceptable for credit: Transfer to UC, CSU

C-ID Course Number: N/A

Prerequisite: GEOG 101 - Physical Geography or concurrent enrollment in GEOG 101.

This course is design to provide supplemental exercises in topics covered in Physical Geography lecture. Lab experience will include map analysis and interpretation, weather prognostication, landform processes and evolution, tectonics, biogeography, and habitat analysis. (Fall, Spring) (Letter Grade or Pass/No Pass)

GEOG 155 Introduction to GIS with Lab

2.0 units

Acceptable for credit: Transfer CSU

C-ID Course Number: GEOG 155

Study of Geographic Information Systems (GIS) science and its applications to spatial data management. Identification and acquisition of GIS data. Assessment of vector and raster systems, scale, resolution, map projection, coordinate systems, georeferencing and Global Positioning Systems (GPS). Spatial analysis and modeling with GIS. (Fall, Spring) (Letter Grade or Pass/No Pass)

GEOG 189 Independent Projects in Geography

1.0 - 3.0 units

Acceptable for credit: Transfer CSU

C-ID Course Number: N/A

Courses for students capable of independent work who demonstrate the need or desire for additional study beyond the regular curriculum. Enrollment allows students to pursue activities such as directed field experience, research, or development of skills and competencies under faculty advisement and supervision. Independent projects may be earned in most disciplines. Students wishing to enroll in Independent Projects should contact the appropriate instructor identified in the class schedule. If the project proposed is acceptable to that instructor, a contract will be developed. All contracts for these classes must be completed and submitted to the Records Office no later than the end of the second week of the semester. Students may enroll for any combination (unit value) of Independent Projects 189 and/or 389 for a total of four semesters in a specific discipline. Units are awarded depending upon satisfactory performance and the amount of time committed by the student to the course. Allowable units vary according to discipline, and are based on the following formula: 1 unit - 48 hours per semester 2 units - 96 hours per semester 3 units - 144 hours per semester (Fall, Spring, Summer) (Letter Grade or Pass/No Pass)