

GEOGRAPHY (GEOG)

GEOG G100 3 Units (54 lecture hours)

World Regional Geography

Advisory: ENGL G100 or ENGL G100S or concurrent enrollment.

Grading Mode: Standard Letter, Pass/No Pass

Transfer Credit: CSU; UC.

This course provides an overview of the world using geographic concepts to identify the diversity and similarity of physical and human landscapes in a variety of world regions. Major world regions will be identified and explored through historic and contemporary dynamics of globalization, the physical environment and resources, human migration and population, social and economic development, culture, and geopolitics. This course will increase students' global awareness to become more informed citizens who can critically evaluate world conditions. Graded or Pass/No Pass option. **C-ID:** GEOG 125.

GEOG G120 3 Units (54 lecture hours)

Critical Geographies of Race/Ethnicity in the United States

Advisory: ENGL G100 or ENGL G100S.

Grading Mode: Standard Letter, Pass/No Pass

Transfer Credit: CSU; UC.

This course is identical to ETHS G120. This course offers a critical analysis of how the social and spatial construction of racial/ethnic categories, specifically Black, Asian, Latinx, and Native American, shape places, societies, and everyday lived-experiences in the United States. This course will apply interdisciplinary theoretical perspectives and key geographic concepts to analyze how these processes are produced through historic and contemporary geographies of power, privilege, and oppression; agency, liberation, resistance, and justice; and exclusion, containment, access, and mobility. This course will provide students with the lifelong knowledge and skills to navigate social, psychological, physiological, and spatial relations of racial/ethnic inequality and justice. Enrollment Limitation: ETHS G120; students who complete GEOG G120 may not enroll in or receive credit for ETHS G120. Graded or Pass/No Pass option.

GEOG G130 3 Units (54 lecture hours)

Introduction to Weather and Climate

Grading Mode: Standard Letter, Pass/No Pass

Transfer Credit: CSU; UC.

This course is an introduction to weather and climate patterns through an examination of the scientific method and Earth's atmosphere and processes including atmospheric composition and structure, solar radiation, energy balances, temperature, seasonality, atmospheric moisture, clouds and fog, precipitation, air pressure and circulation, air masses and fronts, cyclones, weather forecasting, climate, and climate change. Graded or Pass/No Pass option.

GEOG G180 3 Units (54 lecture hours)

Physical Geography

Grading Mode: Standard Letter

Transfer Credit: CSU; UC.

This course is an introduction to the spatial study of the dynamic physical elements and processes of Earth including weather, climate, oceans, water-cycle, earthquakes, volcanoes, rocks, mountains, caves, forests, deserts, vegetation, soils, ecosystems, and biomes. An emphasis on the interrelationship between these and other features of the atmosphere, hydrosphere, lithosphere, cryosphere, and biosphere. Introduction to the scientific method, and geographic tools such as maps and Geographic Information Systems (GIS). Graded. **C-ID:** GEOG 110.

GEOG G180L 1 Unit (54 lab hours)

Physical Geography Laboratory

Prerequisite(s): GEOG G180 or concurrent enrollment.

Grading Mode: Standard Letter

Transfer Credit: CSU; UC.

Formerly: GEOG G181. This course is designed to provide supplemental, practical laboratory exercises that correlate to topics covered in Physical Geography G180. Lab experience will include map analysis and interpretation, weather prognostication, landform processes and evolution, tectonics, biogeography, and habitat analysis. Graded. **C-ID:** GEOG 111.

GEOG G185 3 Units (54 lecture hours)

Human Geography

Advisory: ENGL G100 or ENGL G100S.

Grading Mode: Standard Letter, Pass/No Pass

Transfer Credit: CSU; UC.

This course provides an interdisciplinary survey of major social science themes. Students will explore a range of topics at multiple geographic scales from the local to the global. Topics include culture, diversity, language, religion, and social structures; migration and population; international tourism, trade, labor and development; political and economic geography; urbanization and rural landscapes; food, agriculture and natural resources; and human-environmental interactions. Graded or Pass/No Pass option. **C-ID:** GEOG 120.

GEOG G190 3 Units (45 lecture hours; 27 lab hours)

Digital Mapping: Introduction to Geographic Information Systems

Advisory: CS G130.

Grading Mode: Standard Letter

Transfer Credit: CSU; UC.

This course introduces students to the technology, capabilities, and functionality of Geographic Information Systems (GIS); as well as, the concepts, principles, and methods of geospatial analysis. Students will create interactive maps and visualizations and apply principles of spatial inquiry to analyze the distributions and relationships of physical, social, cultural, and economic features. The course utilizes computer technology, GIS software, aerial photography, satellite imagery, topographic maps, and global positioning systems (GPS). Students learn proper techniques for sourcing, manipulating, managing, and mapping social and scientific data. Course activities may be applied to a variety of fields including Geography, Anthropology, Political Science, Economics, Business, Marketing, Geology, Environmental Science, Biology, Public Health, Criminal Justice, and Architecture. Graded. **C-ID:** GEOG 155.