

GEOGRAPHY (GEO)

GEO 130 (3 credit hours)

Earth's Physical Environment

Explores the fundamental characteristics of Earth's physical environment. Emphasizes identifying interrelationships between atmospheric processes involving energy, pressure, and moisture; weather and climate; and terrestrial processes of vegetative biomes, soils, and landscape formation and change. Fulfills elementary certification requirements in education, and USP cross-disciplinary requirement. Lecture: 3 credits (45 contact hours).

Attributes: SN - Science

Components: LEC: Lecture

GEO 131 (1 credit hours)

Earth's Physical Environment Laboratory

Emphasizes basic laboratory studies of identifying interrelationships between atmospheric processes involving energy, pressure, and moisture; weather and climate; and terrestrial processes of vegetative biomes, soils, and landscape formation and change. Laboratory: 1 credit (30 contact hours).

Pre- or co-requisite: GEO 130.

Attributes: SL - Science Laboratory

Components: LAB: Laboratory

GEO 152 (3 credit hours)

Regional Geography of the World

Introduces regional geography with a focus on the world's physical and human landscapes. Emphasizes connections between regions and how each region affects and is affected by global issues such as economic restructuring, food production, and environmental change. Lecture: 3 credits (45 contact hours).

Attributes: Cultural Competence, SB - Social Behavior Science

Components: LEC: Lecture

GEO 160 (3 credit hours)

Lands and Peoples of the Non-Western World

Provides a geographic study of world regions defined conceptually and historically as non-Western. Includes global patterns of social, cultural, economic and political differences between the West and Non-West and the processes key to making the Non-Western world, such as colonialism and imperialism. Considers significant current issues including sustainable development, environment, human rights, and gender relations. Lecture: 3 credits (45 contact hours).

Attributes: Cultural Competence, SB - Social Behavior Science

Components: LEC: Lecture

GEO 172 (3 credit hours)

Human Geography

Presents a study of the spatial distributions of significant elements of human occupancy of the earth's surface including basic concepts of diffusion, population, migration, settlement forms, land utilization, and impact of technology on human occupancy of the earth. Lecture: 3 credits (45 contact hours).

Attributes: Cultural Competence, SB - Social Behavior Science

Components: LEC: Lecture

GEO 210 (3 credit hours)

Pollution, Hazards, and Environmental Management

An introduction to environmental systems such as weather and climate, vegetation, land forms and soils, and how the quality of these systems is modified by human use. Resource issues discussed include: atmospheric pollution and global warming; groundwater, flooding, and flood plain management; volcanic activity and earthquakes; and biospheric processes associated with deforestation and lake eutrophication. Case studies based upon important environmental problems illustrate how human activity and environmental systems interrelate. Fulfills USP Cross-Disciplinary requirement. Lecture: 3 credits (45 contact hours).

Attributes: SB - Social Behavior Science

Components: LEC: Lecture

GEO 222 (3 credit hours)

Cities of the World

Focuses on the historical development, contemporary character, and alternative futures of cities in both developing and developed regions. Emphasizes the spatial, social, economic, and political processes of major world cities. Includes a specific focus on contemporary urban problems. Lecture: 3 credits (45 contact hours).

Attributes: SB - Social Behavior Science

Components: LEC: Lecture

GEO 240 (3 credit hours)

Geography and Gender

Presents a geographic approach to the study of gender relations, emphasizing the role of space and place in shaping the diversity of gender relations throughout the world. Stresses the importance of gender relations in understanding a variety of issues through the application of case study analysis. Includes the design and use of urban and rural environments, "Third World" development, regional economic restructuring, changing political geographies, and migration. Lecture: 3 credits (45 contact hours).

Attributes: SB - Social Behavior Science

Components: LEC: Lecture

GEO 251 (3 credit hours)

Weather and Climate

Examines the atmospheric controls associated with local, regional, and global weather and climate variability. Includes fundamental coverage of the physics and chemistry of energy, gases, pressure, and moisture, with a goal to promote an understanding of general weather analysis and forecasting, severe storms, atmospheric pollution, descriptive climatology, and global climate change. Lecture: 3 credits (45 contact hours).

Pre-requisite: GEO 130 or consent of instructor.

Attributes: SN - Science

Components: LEC: Lecture

GEO 280 (4 credit hours)

Environmental Science

Introduces the study of environmental science and the role of the interrelationship between humans and their environment in contemporary issues. Emphasizes the basic principles of environmental science, functions of ecological systems, contemporary environmental conditions and problems, techniques for investigating these systems, and theories on humanity's place in the world's ecosystems and physical environment. Integrated Lecture/Lab: 4 credit hours (60 contact hours).

Attributes: SL - Science Laboratory, SN - Science

Components: LAL: Integrated Laboratory, LEI: Integrated Lecture

GEO 299 (1-3 credit hours)

Special Topics in Geography

Introduces specialized topics in the field of geography to meet current trends and investigations of contemporary issues in the discipline.

May be repeated to a maximum of six credits under different subtitles.

Lecture: Variable.

Pre-requisite: Consent of instructor.

Attributes: Other

Components: LEC: Lecture