

Eastern Oregon University

Geography

Geography is the study of the human use of the earth and of the physical and cultural processes which form landscapes. Geography at EOU leads the student to an understanding of human/environmental relations at global, national, regional and local levels, while providing important academic understanding and practical skills that can lead to careers in such fields as urban and regional planning, environmental management, primary and secondary education, cartography and map reproduction, geographic data systems, tourism and economic development, and international business.

A minor in Geography is available as well as a specialty in Small City & Rural County Management under the Liberal Studies major.

MINOR IN GEOGRAPHY

(This minor is also available through online/onsite courses)

Requirements for a minor in Geography includes 13 credit hours of lower division and 18 credit hours of upper division courses. A grade of "C-" or better is required in all courses counted toward the minor.

Completion of the following lower division courses:

GEOG 105 Introduction to Cultural Geography (5)

GEOG 106 Introduction to Physical Geography (5)

GEOG 201 Cartography I (3)

Total: 13

Completion of the following upper division courses:

GEOG 306 Cartography II (3)

GEOG 317 Land Use and Environmental Planning (3)

GEOG 318 North American Regional Planning (5)

GEOG 319* Environ Report Writing (3)

GEOG 401* Environ Research (2)

Total: 18

GEOG 318 is listed as GEOG 483 in online/onsite courses here at Eastern Oregon University.

*Education majors and those not pursuing a career in planning may substitute GEOG 484 - World Regional Geography for GEOG 319 and GEOG 401 (offered online/onsite) GEOG 484 substitutes for GEOG 319 and GEOG 401).

GEOGRAPHY COURSE DESCRIPTIONS**GEOG 101- World Regnl Geog*SSC Credits: 5.00****Gen Ed Core-Social Sciences**

Introduction to the physical and cultural geography of major regions of the world and their interactions and relationships with each other. The impact of man on the environment is emphasized.

GEOG 105- Cultural Geography*SSC Credits: 5.00**Gen Ed Core-Social Sciences**

An introduction to the ways in which various cultures have evaluated, utilized and modified the landscapes and environments they have occupied. Emphasis is on cultural regions of the United States and Canada.

GEOG 106- Physical Geography*SMI Credits: 5.00**Gen Ed Core-Natural, Math & Info Sciences**

An introduction to the physical elements of geography and the natural environment, including weather and climate, vegetation, soils, landforms and geodesy. Case studies and examples of environmental problems in the Pacific Northwest are emphasized.

GEOG 201- Cartography I Credits: 3.00

An entry-level survey of the physical properties and uses of topographic maps and air photographs. Special emphasis is placed on the identification, analysis and interpretation of landscape elements utilized by geographers and planners. Lecture and laboratory. Prerequisite: GEOG 105, 106

GEOG 204- Intro Econ Geog Credits: 3.00

Patterns, structures and locational principles of economic activity, including regional economic development, agricultural and resource land use, industrial location and distribution of service activity. Comparison of theory with real-world examples is emphasized. Prerequisite: GEOG 105

GEOG 207- Selected Topics Credits: 1.00 TO 5.00

Selected topics; terms and credit to be arranged.

GEOG 208- Geog Recreation Credits: 3.00

An introduction to planning issues and techniques in outdoor recreation, including development and use of outdoor resources, patterns of travel and tourism, and recreational impact on natural environments.

GEOG 211- Political Geog Credits: 3.00**GEOG 306- Cartography II Credits: 5.00**

Introduction to the elements of thematic map construction, including map design, compilation of data, lettering techniques, generalization and symbolization. Lecture and laboratory. Prerequisite: GEOG 201. Student must have at least sophomore standing to register for this course.

GEOG 306L - Appl Cartog Lab Credits: .00

Student must have at least sophomore standing to register for this course.

GEOG 307- Cartography III Credits: 5.00

Development of intermediate skills in map design, projections, color, symbolization, graphic display of statistical data and map reproduction techniques. Lecture and laboratory. Prerequisite: GEOG 306. Student must have at least sophomore standing to register for this course.

GEOG 308- Computer Cartography Credits: 5.00

Principals and procedures involved in automated map production and geographic information systems. Prerequisite: BA 114, GEOG 307. Student must have at least sophomore standing to register for this course.

GEOG 310- Urban Geography Credits: 3.00

Patterns, forms and functions of urban settlements, including origins and growth, world urbanization, central place theory, spheres of influence, urban physical environments and land use dynamics in the North American city. Prerequisite: GEOG 204. Student must have at least sophomore standing to register for this course.

GEOG 311- Political Geog Credits: 3.00

Student must have at least sophomore standing to register for this course.

GEOG 317- Land Use & Environ Credits: 3.00

An introduction to landscape appreciation, including historical aspects of land use, environmental conflicts and land use planning. Student must have at least sophomore standing to register for this course.

GEOG 318- N Amer Regional Plng Credits: 5.00

A regional and topical seminar analyzing North American land use patterns and the creation of human landscapes. Environmental problems, land use planning and cultural impact on natural landscapes are emphasized. Prerequisite: GEOG 105, 106. Student must have at least sophomore standing to register for this course.

GEOG 319- Environ Report Writing Credits: 3.00

Data collection and analysis, design and writing of land use and environmental reports for public and private agencies. Individual and/or class projects. Prerequisite: GEOG 317, 318. Student must have at least sophomore standing to register for this course.

GEOG 324- Natural Resource Credits: 3.00

An analysis of the political organization of territory, including global political patterns, nationalism, colonialism, effect

of boundaries, voting patterns and problems of local and regional political fragmentation. Prerequisite: GEOG 105. Student must have at least sophomore standing to register for this course.

GEOG 393- Sem:Physical Geog Credits: 5.00

Advanced topics in physical geography, including climate, soils, vegetation, landforms and environmental hazards, with emphasis on applications to planning. Prerequisite: GEOG 106. Student must have at least sophomore standing to register for this course.

GEOG 401- Environ Research Credits: 1.00 TO 5.00

Selected topics; terms and credit to be arranged. Student must have at least junior standing to register for this course.

GEOG 407- Selected Topics Credits: 1.00 TO 5.00

Selected topics; terms and credit to be arranged. Student must have at least junior standing to register for this course.

GEOG 409- Field Placement Credits: 1.00 TO 15.00

A planned and supervised work experience at the intermediate level designed to allow students the opportunity to further explore or finalize career plans in a real-world setting. The work experience emphasizes the application of classroom learning to actual employment situations. Student must have at least junior standing to register for this course.

GEOG 411- Transportation Geog Credits: 3.00

Patterns and systems of the movement of goods and people as essential elements of modern economic development are considered, with an emphasis on techniques of quantitative analysis, historical and contemporary socioeconomic settings, global differences in trade patterns and the effect of changing transportation technology over time. Prerequisite: GEOG 204. Student must have at least junior standing to register for this course.

**GEOG 434- Archit Geog/N Amer*SSC Credits: 3.00
Gen Ed Core-Social Sciences**

A survey of United States and Canadian architecture from the Colonial period to the present. The course deals with the diffusion of styles of residential, commercial, and public architecture across the continent, the availability of building materials and technology and effects of these on past and present landscapes of the Pacific Northwest. Special emphasis is placed on the visual differentiation of building styles. Student must have at least junior standing to register for this course.

GEOG 480- Geographic Educ Credits: 3.00

Basic geographic concepts for the K-12 classroom; includes selection and use of maps as visual aids, field work in geography, environmental issues and instructional strategies for global education. Student must have at least junior standing to register for this course.

GEOG 483- Regional Studies Credits: 5.00

Geographic analysis of selected world regions, including basic methodology and interpretation; regions include Africa, Europe, Pacific Rim, North America, Central and South America, USSR and others. Student must have at least junior

standing to register for this course.

GEOG 484- Regional Studies Credits: 5.00

Geographic analysis of selected world regions, including basic methodology and interpretation; regions include Africa, Europe, Pacific Rim, North America, Central and South America, USSR and others. Student must have at least junior standing to register for this course.

GEOG 485- Geog Pacific NW Credits: 3.00

A geography of the Pacific Northwest with its central focus on the state of Oregon. Issues considered include geology and landforms, climate, settlement, urbanization and economic development, resources, transportation patterns and environmental problems. Student must have at least junior standing to register for this course.

GEOG 490- Geog World Affair Credits: 3.00

An introduction to geographic perspectives on international events; emphasis is on world trouble spots and issues including ethnic conflicts, economic disparities, territorial

claims, food and energy supplies and population growth. Student must have at least junior standing to register for this course.

GEOG 707- Selected Topics Credits: 1.00 TO 15.00

A graduate-level course in basic geographic concepts for the K-12 classroom; includes selection and use of maps as visual aids, field work in geography, environmental issues and instructional strategies for global education. Student must have graduate standing to register for this course.

GEOG 710- Seminar Credits: 1.00 TO 5.00

A graduate-level seminar course for teachers dealing with special topics in geographic education. Student must have graduate standing to register for this course.

GEOG 808- Geog Ed Workshop Credits: 1.00 TO 5.00

A graduate-level workshop in geographic education. Student must have graduate standing to register for this course.