

# GEOGRAPHY

An awareness of landscape, plus the investigation of economic, physical and cultural processes that influence the landscape, are integral parts of study in geography. Factors included in the analysis of world and regional geography are location and structure of settlements, cultural influences, atmospheric processes, water resources, landforms, and climatic regions of the world. Sample courses include: Cultural Geography, Physical Geography, Environmental Geography, and several World Regional geography classes.

Geography provides excellent preparation for advanced studies in such fields as environmental studies, economics, economic development, city and regional planning, tourism and recreation, landscape architecture, and cartography.

<https://www.cocc.edu/programs/geography/> (<https://www.cocc.edu/programs/geography/default.aspx>)

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## Programs

### Transfer

- Geography - Associate of Arts Oregon Transfer (AAOT) (<https://catalog.cocc.edu/programs/geography/geography-aaot/>)

## Courses

### **GEOG 100 Introduction to Geography (4 Credits)**

Designed to examine the key themes, concepts and ideas in geography and to develop a geographical perspective of the contemporary world. A basic foundation of the fundamental themes in geographic education will be extended to the study of places and regions. Emphasis will be placed on the development of cartographic and map interpretation skills.

### **GEOG 106 Economic Geography (4 Credits)**

**Recommended preparation:** minimum placement into WR 065.

Introduces the distribution of economic activities across the nation and the world. Explores core issues such as economic development, resource distribution and use, global agriculture, changes in manufacturing and the growth of the service sector. Urban patterns are explained in the context of our interrelated, globalized world. Useful course for business majors or any student wanting to understand criteria for business location.

### **GEOG 107 Cultural Geography (4 Credits)**

**Recommended preparation:** minimum placement into WR 065.

Examination of different cultural traits in the world. Special emphasis on perception of space and landscape, language, world religion and folk and popular culture issues.

### **GEOG 190 Environmental Geography (4 Credits)**

**Recommended preparation:** WR 121.

Introductory view of the environment and how it is shaped by and shapes human activity. Units include famine, water resources, deforestation, energy use, biodiversity and sustainable land-use practices.

### **GEOG 198 Field Geography of Central Oregon (3 Credits)**

**Recommended preparation:** WR 121.

Field course that examines natural and cultural landscapes of Central Oregon sub-regions such as the Bend Core, Sisters Country, High Desert, and Upper and Lower Deschutes Basins.

### **GEOG 199 Selected Topics: Geography (1-4 Credits)**

Series of mini-courses focusing on selected geographical topics including the following: an invitation to geography and natural regions of the world (deserts, mountains, humid tropics) and thematic topics.

### **GEOG 201 World Regional Geography I (4 Credits)**

**Recommended preparation:** WR 121.

Introductory Geography course that explores the following regions: Europe, the former Soviet Union, Anglo-America, Australia and Japan. Evaluate how culture, politics, economics, history and the physical environment help create differences across regions.

### **GEOG 202 World Regional Geography II (4 Credits)**

**Recommended preparation:** WR 121.

Introductory Geography course that explores the following regions: Latin America, Middle East/North Africa, Sub-Saharan Africa, East, South and Southeast Asia. Evaluate how culture, politics, economics, history and the physical environment help create differences across regions.

### **GEOG 212 Tourism And Recreation (3 Credits)**

**Recommended preparation:** WR 065.

Includes a study of various components of the tourist industry and an analysis of the economic and environmental impacts of tourism and recreation upon communities. Examines tourism and recreation in Central Oregon and in other selected parts of the world.

### **GEOG 213 Geography of Pacific Northwest (3 Credits)**

**Recommended preparation:** WR 065.

General introduction to geographical characteristics of the Pacific Northwest and, through this regional emphasis, to some of the basic principles and concepts of geography as a discipline. Comprises three broad sections dealing in turn with historical geography, physical geography and economic geography.

### **GEOG 270 Map Interpretation and Design (4 Credits)**

**Recommended preparation:** MTH 60 or equivalent.

Looks at the world of maps. How to design, interpret and critique many forms of maps.

### **GEOG 272 Geography for Teachers (3 Credits)**

**Recommended preparation:** WR 121.

Designed for public and private school teachers in Geography and for all teachers wishing to include geographic content and concepts in their social studies classes. Emphasizes how to teach Geography at any grade level and incorporates the benchmarks and curriculum goals of the state of Oregon Department of Education as well as National Geography standards.

### **GEOG 278 Physical Geography-Landforms and Water (4 Credits)**

Introduction to the science of landforms and the processes that form them, including both internal and external processes, and how these processes interact and form a system. The course will survey different landform types, such as fluvial, Aeolian, glacial, volcanic, coastal, karst, and periglacial landforms and identify where, on a global basis, these landforms are likely to occur.

**GEOG 279 Physical Geography-Weather and Climate (4 Credits)**

This course is an introduction to the sciences of meteorology and climatology. The focus of study for the meteorology section of the course will be on the troposphere, which is the layer of the atmosphere closest to the earth. The last portion of the course will study climatic classification and the relationship of climate with natural vegetation and human activity.

**GEOG 290 Environmental Problems (3 Credits)**

**Recommended preparation:** WR 121.

Examines intentional and inadvertent human modification of the natural environment and local, regional and global problems it may cause. Includes deforestation, urbanization, resource depletion and climate.

**GEOG 295 Wilderness and Society (4 Credits)**

Cultural and historical overview of the changing attitudes toward wilderness as reflected through literature and the history of federal land legislation. Attempts to define the social and economic values of wilderness lands and where they occur geographically. A reading intensive course.

**GEOG 298 Independent Study: Geography (1-4 Credits)**

**Prerequisites:** instructor approval.

**Recommended preparation:** prior coursework in the discipline.

Individualized, advanced study in geography to focus on outcomes not addressed in existing courses or of special interest to a student. P/NP grading.

**GEOG 299 Selected Topics: Geography (1-4 Credits)**

This course is in development.