

GEOGRAPHY (GEOG)

GEOG 110 People and the Environment

3 Credits

As an introduction to Environmental Studies, this course provides a scientific overview of Earth systems, environmental problems and natural resource challenges. The course focuses on students' application of this knowledge to 21st century environmental and natural resource challenges, but with recognition of and respect for various world views and values.

Transfer Credits

Explore transfer credit opportunities by visiting the BC Transfer Guide (<http://www.bctransferguide.ca>)

GEOG 111 Intro to Human Geography

3 Credits

This course provides an introduction of the various sub-fields of human geography. It provides a solid foundation for students who are interested in pursuing a career in urban planning, politics, economics, teaching and social sciences. Some of the topics examined include map use, populations and cultures, political systems, spatial behaviour, natural resources, urbanization and the nature of regions. (3,0,0)

Prerequisites

English Studies 12, English First Peoples 12 or equivalent

Transfer Credits

Explore transfer credit opportunities by visiting the BC Transfer Guide (<http://www.bctransferguide.ca>)

GEOG 112 Environments and Planning

3 Credits

Geography 112 is an introduction to the concepts and practices of community, regional, resource, environmental and land use planning. We will discuss what constitutes planning and will define its role in the development of sustainable communities and regions. The course will emphasize the participation of the public, politicians, resource managers and planners in the process of evaluation, decision-making, development and management of urban and rural communities and natural resources. The courses will include field excursions and guest speakers to allow us to directly examine the planning process and its impacts on communities and sustainability of resources.

Prerequisites

English Studies 12, English First Peoples 12 or equivalent

Transfer Credits

Explore transfer credit opportunities by visiting the BC Transfer Guide (<http://www.bctransferguide.ca>)

GEOG 150 Physical Geog: Weather and Climate

3 Credits

An introduction to principles of physical geography, Earth's atmosphere, weather and climate. Topics covered include an introduction to maps, Sun-Earth interactions, energy balance, the global climate system, meteorology and the distribution of Earth's terrestrial biomes. Labs focus on developing learners' map skills, meteorological observations and analysis of climatic data. Applied learning focuses on the regional weather and climate of northwest BC.

Transfer Credits

Explore transfer credit opportunities by visiting the BC Transfer Guide (<http://www.bctransferguide.ca>)

GEOG 160 Physical Geography II: Geology, Geomorphology and Soils

3 Credits

Geography 160 is the second half of an introductory course in physical geography. Subjects covered in this term include landforms, weathering, mass movement, plate tectonics, igneous processes, glaciers, river systems, coastal processes and soils. Laboratories will include rock and mineral identification, plate tectonics, topographical and airphoto interpretation of landforms, hydrological measurement, landslide assessment, and identification of coastal landforms.

Prerequisites

Grade 12 Graduation or Grade 12 Adult Graduation Geology 12 recommended

Transfer Credits

Explore transfer credit opportunities by visiting the BC Transfer Guide (<http://www.bctransferguide.ca>)

GEOG 201 Environmental Climatology

3 Credits

Environmental climatology is an examination of the boundary layer climate and its impact upon the microclimates of ecosystems throughout the world. Discussion includes both natural systems and modified features and examines the impacts of microclimatic changes initiated by human activities. Laboratories include methodology in measurement of microclimates and field trips to quantify microclimatic differences between ecosystems or associated with human modification of landscapes. (3,3,0)

Prerequisites

BIOL 101 and BIOL 102 or GEOG 150 and GEOG 160

Transfer Credits

Explore transfer credit opportunities by visiting the BC Transfer Guide (<http://www.bctransferguide.ca>)



GEOG 202 Geography of Ecosystems

3 Credits

Examination of the environmental factors that control the distribution and development of ecosystems, including climatic and geological change. The course emphasizes plant ecology, the structure and functioning of ecosystems, ecosystem strategies relative to soil and climatic conditions, and includes discussion of the effects of disturbance and management on natural and altered systems throughout the globe. Laboratories include investigations of ecosystem characteristics, biomass structures, soils, and impacts of disturbance. Field trips, including one-day weekend surveys, may be held. (3,3,0)

Prerequisites

BIOL 101 and BIOL 102 or GEOG 150 and GEOG 160

Transfer Credits

Explore transfer credit opportunities by visiting the BC Transfer Guide (<http://www.bctransferguide.ca>)

GEOG 203 Geomorphology

3 Credits

This course is a comprehensive examination of the natural processes that are active in shaping the face of this and other planets. This course will emphasize the basic principles of geomorphology and will allow students to develop some of the skills that are necessary for field work in the environmental sciences. Local field trips and laboratory assignments are an important part of this course. Geomorphology is of particular relevance to students who intend to major in Geography, Geology, Forestry, Agriculture or Ecology. (3,3,0)

Prerequisites

GEOG 150 and GEOG 160 or GEOL 157

Transfer Credits

Explore transfer credit opportunities by visiting the BC Transfer Guide (<http://www.bctransferguide.ca>)

GEOG 204 Spatial Analysis and Geographic Information Systems (GIS)

3 Credits

A one-semester course that introduces the theory and practical application of analytical techniques used to study spatial information in geographical and other sciences. The types of spatial data that exist together with methods of collection and analysis of spatial data are examined. Concepts associated with integrating spatial data in Geographic Information Systems (GIS) are presented as well as techniques used in planning and resource management. Laboratories emphasize gaining practical skills in analyzing spatial information including those interested in business, criminology, computer science, geography, geology, biology, ecology, forestry or environmental sciences.

Prerequisites

GEOG 150 or GEOG 160 or GEOL 157, CPSC 111 or CPSC 141 recommended

Transfer Credits

Explore transfer credit opportunities by visiting the BC Transfer Guide (<http://www.bctransferguide.ca>)

GEOG 207 Hydrology and Soils

3 Credits

This course examines hydrological processes and their relationships to ecosystem structures, soils and watersheds. Lectures, labs and fieldwork will emphasize the impacts of natural processes, management and disturbance upon the hydrological balance and the characteristic reactions and properties of specific soil types to disturbance and hydrological changes. Analysis of flooding and erosion and how to measure and estimate stream flow is examined in some detail. Labs will also contain a field component that may include both snowpack measurements and stream flow surveys within local drainage basins.

Prerequisites

GEOG 150 or GEOG 160 or GEOL 157

Transfer Credits

Explore transfer credit opportunities by visiting the BC Transfer Guide (<http://www.bctransferguide.ca>)

GEOG 210 Environments and Society

3 Credits

Geography 210 allows students to examine the environmental problems of today's world in the context of different societies and societal responses. In this course, we will identify how individuals and cultures view key environmental issues, how we can objectively analyze these problems, and how solutions can be derived to mitigate or solve environmental issues at different scales, varying from site specific problems to the global biosphere. As a class, we will learn to listen to and evaluate responses to environmental issues from individuals, special interest groups, the 'public', politicians, and government agencies. Students will develop skills in objective analysis and use them to undertake a community-based project that examines the relationships between environmental issues, the needs of different types of economic development, and the sustainability of communities.

Prerequisites

3 first year credits in Geography or 30 credits in a University Credit program

Transfer Credits

Explore transfer credit opportunities by visiting the BC Transfer Guide (<http://www.bctransferguide.ca>)

GEOG 215 Geography of Food

3 Credits

Food is a necessary component of life and the need to eat is the most basic and important of all human drives. The central place of food in our lives has made food one of the main focal points of human existence. How we grow, process, distribute, and consume our food defines us as a society. The production of food changes landscapes, the distribution brings a variety of cultures into contact with one another, and what foods are consumed are often a cultural identifier.

Prerequisites

3 credits from first year Geography (GEOG) or 15 credits from a University Credit program

Transfer Credits

Explore transfer credit opportunities by visiting the BC Transfer Guide (<http://www.bctransferguide.ca>)



GEOG 221 Social Geography (Space & Society)

3 Credits

This course aims to explore the reflexive relationship between society and space. As the social organization of society has spatial consequences so, too, does the spatial organization affect our understanding of the relationships between social groups. These relations are negotiated and contested in different spaces at different times. This course critically examines the ways in which social relations, social identities, and social inequalities are produced, their special variation, and the role of space in constructing them. We will explore the geographic dimensions of various facets of identity (such as gender, ethnicity, "race", class, sexuality and ability) and the theoretical frameworks that geographers use to analyze them.

Prerequisites

3 first year Geography (GEOG) credits or 30 credits from a University Credit program

Transfer Credits

Explore transfer credit opportunities by visiting the BC Transfer Guide (<http://www.bctransferguide.ca>)

GEOG 222 Economic Geography

3 Credits

Economic Geography investigates the concepts, theories, and principles which determine the spatial arrangement and organization of economic activities and processes. A Global approach is taken, emphasizing the interdependencies of local and regional economies within multi-national settings, including the spatial patterns of economic success and the on-going processes of globalization. This course is set in the context of Northwest British Columbia, and examines the roles that corporations play in resource extraction and local economies. Globalization processes will be contrasted with traditional First Nations economies, and, using regional examples, how communities and First Nations groups relate to and interact with economic processes. This course may include a field study component, which examines local industries as well as traditional economies.

Prerequisites

15 first year credits from a University Credit program

Transfer Credits

Explore transfer credit opportunities by visiting the BC Transfer Guide (<http://www.bctransferguide.ca>)

GEOG 224 World Regional Geography

3 Credits

A regional geographical exploration of the people, places and landscapes of the world's realms.

Prerequisites

15 credits of University Credit program courses

Transfer Credits

Explore transfer credit opportunities by visiting the BC Transfer Guide (<http://www.bctransferguide.ca>)

GEOG 225 Regional Geography of B C

3 Credits

Using the concepts and methods of regional geography, this course examines British Columbia in terms of the patterns of its physical and human landscapes. The interaction of climate geology, biogeography, history, resource utilization, settlement and economic activities are the foundation for discussion of the regions of B.C. and the relationship of the province to the remainder of Canada, North American Pacific Coast and the Pacific Rim. (3,0,0)

Prerequisites

15 credits from first year University Credit program courses

Transfer Credits

Explore transfer credit opportunities by visiting the BC Transfer Guide (<http://www.bctransferguide.ca>)

GEOG 226 Regional Geography of Canada

3 Credits

This regional geography course examines Canada in terms of the patterns of its physical and human landscapes. The interaction of climate, geology, biogeography, history, resource utilization, settlement and economic activities are utilized in the discussion of the regionalization of Canada and the resulting interregional and international relationships. (3,0,0)

Prerequisites

15 credits of University Credit program courses

Transfer Credits

Explore transfer credit opportunities by visiting the BC Transfer Guide (<http://www.bctransferguide.ca>)

GEOG 227 Ethnogeography of Northwest BC

3 Credits

This course will examine how the different cultures in northwestern British Columbia provide unique perspectives on the relationship between people and the environments they inhabit. An overriding theme of this course will be the power and idea of Land and Place from both a geographical and cultural perspective. In addition, the course will introduce territorial land claim issues and First Nations rights and title as applied to activities affecting local environments.

Prerequisites

15 credits from first or second year University Credit program courses

Transfer Credits

Explore transfer credit opportunities by visiting the BC Transfer Guide (<http://www.bctransferguide.ca>)