

# GEOGRAPHY

## Department of History and Geography

Website: <https://www.washburn.edu/academics/college-schools/arts-sciences/departments/history/index.html> (<https://www.washburn.edu/academics/college-schools/arts-sciences/departments/history/>)

No major or minor is offered in Geography. The offerings are administered by the Department of History. Some Geography courses are part of the General Education curriculum and others are part of the Kansas Studies Program of Washburn University.

## Course Offerings

### GG 101 Introduction to Geography (3)

A study of the principal themes of geography: human and environment in interaction, the patterns of distribution of natural phenomena affecting human use of the earth, and the cultural patterns of occupancy and exploitation of the physical world. This course satisfies general education requirements.

Course Attributes:

- KBOR Gen Ed: Inclusion and Belonging
- KBOR Gen Ed: Social and Behavioral Sciences
- Pre-AY 2024-2025 Gen Ed: Social Science
- USLO: Global Citizenship, Ethics and Diversity

### GG 102 World Regional Geography (3)

World regional geography is a comparative study of physical and human environments of world realms and the interplay of forces which gives each realm its distinctive character. This course satisfies general education requirements.

Course Attributes:

- KBOR Gen Ed: Inclusion and Belonging
- KBOR Gen Ed: Social and Behavioral Sciences
- Pre-AY 2024-2025 Gen Ed: Social Science
- USLO: Global Citizenship, Ethics and Diversity

### GG 151 Urban Geography (3)

This course examines the geographic origins and development of urbanism, with special emphasis on physical attributes of site and spatial attributes of situation.

### GG 201 Environmental Geography (3)

Also known as physical geography, this course introduces students to the distribution and components of the natural environment, including climate, biomes, soils, vegetation and landforms. The course also examines the interactions between these elements, and the effects of humans on the natural environment. Prerequisite: GG 101.

### GG 220 Special Topics/Geography (3)

Topics will vary from semester to semester and will be announced in advance. Prerequisite: 3 hr GG or consent

### GG 300 Special Topics/Geography (3)

Topics will vary from semester to semester and will be announced in advance. Prerequisite: 3 hr GG or consent

### GG 302 Natural Resources Conservation (3)

A study of the principles of natural resource conservation and management, particularly as they relate to human populations, soil conservation and agriculture, water and air pollution and energy resources. Human activities that affect preservation, conservation, and multiple uses and options in a sustainable economy and society are emphasized. Prerequisite: GG 101.

### GG 303 Introduction to Land Use (3)

Students are introduced to the conceptual basis of land use planning as it relates to the determinants, classification and survey, and environmental and fiscal impact analysis of the controlled use of land. The course also examines zoning and subdivision regulations in the approaches to land use planning at local, state and national levels. Prerequisite: GG 101.

### GG 304 Geography of Kansas (3)

This course is a survey of the distributions and interrelationships of various physical, cultural and economic phenomena of the state. Topics include physiographic regions, settlement patterns, agricultural and urban geography. The High Plains, the Southeastern mining areas, and the urban Northeast regional cultures are examined. Prerequisite: Second semester sophomore status.

### GG 325 Introduction to GIS (3)

As one of the most important areas in geography, Geographic Information System (GIS) is widely used in various disciplines for storing, sharing, displaying, analyzing and managing geographically referenced information. The objectives of this class are to provide a firm conceptual and technical understanding of how to present, synthesize, process and analyze geographic data. This class will have both a lecture and a lab session and the lab is taught using ArcGIS 10.5.1 (ESRI, Inc.). This class serves as a pre-requisite for the class of GG 326 Advanced GIS. No prerequisites.