

GEOGRAPHY (GEOG)

GEOG 103 # - Physical Geography of Earth's Environment Units: 3

Spatial study of the processes and dynamic systems shaping the Earth's physical environment. Topics include the nature and distribution of weather, climate, vegetation, soils, and landforms. Emphasis is placed upon the interconnectedness of the environment and the interrelationships between it and human society. Field trips may be required. Satisfies UNR science core curriculum.

Enrollment Requirements: Prerequisite: MATH 120 or 126 and ENG 98 or qualifying placement scores. Corequisite: GEOG 104.

Term Offered: Spring and Fall

GEOG 104 # - Physical Geography Lab Units: 1

This course is designed to provide supplemental exercises in topics covered in the Physical Geography lecture course (See GEOG 103 for description). Lab experiences will include map analysis and interpretation, weather forecasting, landform identification, tectonics, biogeography, and habitat analysis. Field trips might be required.

Enrollment Requirements: Prerequisite: MATH 120 or 126 and ENG 98 or qualifying placement scores. Corequisite: GEOG 103.

Term Offered: Spring and Fall

GEOG 106 # - Introduction to Cultural Geography Units: 3

An introduction to the distribution, characteristics, and complexity of the human cultural landscape. Issues addressed include human-environment interaction, population growth, development, resource utilization, popular and folk culture, and the role of technology in society. Satisfies UNR social science core curriculum.

Enrollment Requirements: Prerequisite: Completion of or concurrent enrollment in ENG 98 or qualifying English placement score.

Term Offered: Spring and Fall

GEOG 121 # - Climate Change: the Science Basis Units: 4

This course explores the science of climate change and how scientists use models, observations, and theory to make predictions about future climate. The possible consequences of climate change and its impact on the landscape, water resources, species distributions, and human populations are explored. Laboratory experiences investigate climate data and data models. This course may include fieldwork. Satisfies UNR natural science core curriculum.

Enrollment Requirements: Prerequisite: MATH 120 or 126 and ENG 98 or qualifying placement scores.

Term Offered: Spring

GEOG 198 # - Special Topics in Geography Units: 0.5-6

Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.

Term Offered: AS NEEDED

GEOG 200 # - World Regional Geography Units: 3

Survey of the world's major geographic regions, synthesizing their unique physical conditions, economic and political character, and distinctive cultures. Emphasis is placed upon the historical influences and contemporary trends that help explain current problems and conditions, and how these factor influence cultural diversity. Satisfies UNR social science core curriculum.

Enrollment Requirements: Prerequisite: Completion of or concurrent enrollment in ENG 98 or qualifying English placement score.

Term Offered: Spring and Fall

GEOG 205 # - Applications of Geographic Information Systems Units: 3

Beginning techniques focusing on concepts and hands-on experience using Geographical Information System (GIS), special database software used in solving problems that can be mapped.

Term Offered: AS NEEDED

GEOG 210 # - Introduction to Geotechnology Units: 3

Provides fundamental map concepts including the origins of maps, types of maps and projections, mapping techniques, location reference systems, and interpreting topographic maps. The uses of Geographic Information Systems (GIS), Global Positioning Systems (GPS), and remote sensing for data analysis and assimilation are also introduced.

Term Offered: Spring and Fall

GEOG 290 # - Internship in Geography Units: 1-8

A course designed wherein students will apply knowledge to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed all core and major requirements and have a 2.5 GPA. Contact the appropriate chairperson for an application, screening and required skills evaluation. Up to eight semester hour credits may be earned on the basis of 100 hours of internship for one credit. May be repeated for up to eight credits.

Term Offered: AS NEEDED