

# GEOGRAPHY (GEO)

## **GEO 1005 | World Regional Geography: GT-SS2**

Lecture Credit: 3

Examines the spatial distribution of environmental and societal phenomena in the world's regions; environmental phenomena may include topography, climate, and natural resources; societal phenomena may include patterns of population and settlement, religion, ethnicity, language, and economic development. Analyzes the characteristics that define world regions and distinguish them from each other. Examines the relationships between physical environments and human societies. Examines globalization, emphasizing the geopolitical and economic relationships between more developed and less developed regions. This course is one of the Statewide Guaranteed Transfer courses. GT-SS2

## **GEO 1006 | Human Geography: GT-SS2**

Lecture Credit: 3

Introduces students to geographic perspectives and methods in the study of human societies by examining the spatial characteristics of populations, language, religion, ethnicity, politics, and economics. Examines the relationships between physical environments and human societies. This course is one of the Statewide Guaranteed Transfer courses. GT-SS2

## **GEO 1007 | Physical Geography**

Lecture Credit: 3

Focuses on the study of the spatial relationship between humans and the natural environment. Five main themes are addressed: the atmosphere (weather and climate); the hydrosphere (water bodies and rivers); the lithosphere (Earth's crust and landforms); the biosphere (soil, plant, and animal relationships); and the impact of the human population on these environmental factors. This course is recommended for students interested in environmental studies, earth science, and geography.

## **GEO 1011 | Physical Geography: Landforms with Lab: GT-SC1**

Lecture Credit: 3 Lab Credit: 1

Introduces students to the principles of Earth's physical processes, emphasizing landforms, soils, and hydrology. Examines the formation and distribution of landforms, such as mountains, valleys, and deserts, and their shaping by fluvial and other processes. The course incorporates an integrated process of lectures, discussion, and laboratory assignments. This course is one of the Statewide Guaranteed Transfer courses. GT-SC1

## **GEO 1012 | Physical Geography - Weather and Climate with Lab: GT-SC1**

Lecture Credit: 3 Lab Credit: 1

Introduces the principles of meteorology, climatology, world vegetation patterns, and world regional climate classification. The course includes investigating the geographic factors which influence climate such as topography, location, elevation, winds, and latitude. This course is one of the Statewide Guaranteed Transfer courses. GT-SC1

## **GEO 1060 | Global Climate Change: GT-SC2**

Lecture Credit: 3

Presents global climate change from an Earth science perspective including paleoclimatology, atmospheric science, vegetation, fluvial systems, and oceanic circulation. This course analyzes observed and predicted impacts of climate change on the world's terrestrial regions. This course examines interrelationships among economy, society, public policy, and geographic variation in greenhouse gas emissions at national and regional scales. This course also discusses efforts to mitigate climate change and its causes and/or adaptations to global climate change. This is a statewide Guaranteed Transfer course in the GT-SC2 category.

## **GEO 1075 | Special Topics**

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

*Note: Special topics courses range from 0-12 credits and vary in learning type. Please see your program chair for more information about your options.*