



GEOLOGY (GEO)

GEO 105 Physical Geology with Lab (4 Credits)

This course covers various topics relating to the study of the inorganic evolution of the Earth. Subjects relating to the natural processes forming the Earth's minerals, rocks, and internal composition are covered. A lab is included in this course.

Prerequisite: MTH 101 (or equivalent)

GEO 409 Water Quality (3 Credits)

This course will explore general hydrology, focusing on physical, microbiological, and chemical parameters affecting water quality and availability, and associated issues regarding human and environmental health. Topics include water as a resource, waterborne disease, pollution of groundwater and surface waters, drinking water and public health, and wastewater treatment.

Prerequisite: GEO 105, BIO 150

GEO 415 Hydrogeology (3 Credits)

Students will learn geologic factors influencing the occurrence and distribution of surface and groundwater and its effects on humans; principles of hydrology; water-systems analysis and planning; water quality and pollution; exploration and development of water resources.

Prerequisite: PHY 211, GEO 105