

# GEOLOGY (GLG)

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## **GLG 1000 – Physical Geology**

**Credit Hours: 4.00 Total Contact Hours: 5.00 Lecture Hours: 3.00 Lab Hours: 2.00**

Introduces students to the field of geology (or geo-science) - the study of the Earth. Course focuses on the composition of the Earth and the geological agents and processes that modify the earth's surface; occurrence, formation, accumulation, and availability of minerals and rocks as earth resources.

**Offered:** Fall, Spring

**Transfer:** TM.

## **GLG 1004 – Historical Geology**

**Credit Hours: 4.00 Total Contact Hours: 5.00 Lecture Hours: 3.00 Lab Hours: 2.00**

Provides the student with the necessary tools to interpret and understand the processes leading to the complex history of the Earth and its contained biota. An additional goal is to provide an overview of the major events in Earth's history that have had a profound effect on Earth's physical, chemical, and biologic environment. The course encompasses the causes and effects of mass extinction on the history of life, and the role of plate tectonics on the geologic and biologic evolution of the Earth.

**Offered:** Spring

**Transfer:** TAG

**Prerequisites:** GLG 1000 with a "C" or better.

## **GLG 1410 – Geology of U.S. National Parks**

**Credit Hours: 3.00 Total Contact Hours: 3.00 Lecture Hours: 3.00**

Designed to provide students with an understanding of the basic concepts of geology as well as an introduction to the geology and geologic history of North America. Several U.S. National Parks are used to provide examples of fundamental geologic processes, trace the geologic history of the continent, and increase our appreciation of the national park system.

**Offered:** Fall.