

# GEOLOGY (GLG)

---

## **GLG101IN / Introduction to Geology I - Physical**

### **4 Credits / 3.0 Periods for Laboratory, 3.0 Periods for Lecture**

Introduction to Earth's materials, surface and internal geologic processes, plate tectonics and geologic time. Includes practical experience in rock and mineral identification, topographic maps, and applied problems in geology. Prerequisites: None. Course Notes: Enrollment in both a GLG101IN lecture section and a GLG101IN laboratory section is required. Students may receive credit for only one of the following: GLG101 and GLG103 or GLG101IN.

 SUN# GLG 1101

**Fulfills:** Natural Sciences Quantitative [SQ]; Natural Sciences Quantitative [SQ]-in combo

**Division:** Physical Sciences and Engineering

## **GLG102IN / Introduction to Geology II - Historical**

### **4 Credits / 3.0 Periods for Laboratory, 3.0 Periods for Lecture**

The origin and history of the Earth, its dynamic geographic and climatic changes. Evolution and sequence of life recorded in the fossil record; tectonic evolution of major continents through time. Prerequisites: None. Course Notes: Enrollment in both a GLG102IN lecture section and a GLG102IN laboratory section is required. Students may receive credit for only one of the following: GLG102 and GLG104 or GLG102IN.

**Fulfills:** Historical Awareness [H]; Historical Awareness [H]-in combo; Natural Sciences General [SG]; Natural Sciences General [SG]-in combo

**Division:** Physical Sciences and Engineering

## **GLG110IN / Geological Disasters and the Environment**

### **4 Credits / 3.0 Periods for Laboratory, 3.0 Periods for Lecture**

Acquaints students with the use and importance of geological studies as they apply to the interactions between people and the Earth. Includes geological processes and hazards such as earthquakes, volcanoes, floods and landslides. Examines environmental impact and use of mineral and energy resources. Prerequisites: None. Course Notes: Enrollment in both a GLG110IN lecture section and a GLG110IN laboratory section is required. Students may receive credit for only one of the following: GLG110 and GLG111 or GLG110IN.

**Fulfills:** Global Awareness [G]; Global Awareness [G]-in combo; Natural Sciences Quantitative [SQ]; Natural Sciences Quantitative [SQ]-in combo

**Division:** Physical Sciences and Engineering

## **GLG230AA / Field Geology of the Southwest**

### **1 Credit / 5.0 Periods for Laboratory**

Field trips to selected areas in the Southwest, such as Arizona, Utah, California, and Sonora to observe and interpret various geological features and phenomena. Prerequisites: None. GLG103 suggested but not required. Course Notes: GLG230AA may be repeated for a total of four (4) credit hours.

**Division:** Physical Sciences and Engineering