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## Geology (GEOL)

### **GEOL 001                      Physical Geology With Lab** **(4)**

*Class Hours:* 54.00 Lecture | 54.00 Laboratory

*Advisory(s):* CHEM 002A, ENG 051A

*Transfers to:* Transfers to both UC/CSU

*C-ID:* GEOL 101

#### Physical Geology With Lab

GEOL 001 is an introduction to the principles of geology with emphasis on Earth processes. This course focuses on the internal structure and origin of the Earth and the processes that change and shape it. The laboratory component focuses on the identification of rocks and minerals, topographic and geologic map exercises demonstrating the work of water, wind, ice and gravity and effects of tectonic activity.(C-ID GEOL 101) (AA/AS, CSU, UC)

### **GEOL 003                      Historical Geology** **(4)**

*Class Hours:* 54.00 Lecture | 54.00 Laboratory

*Advisory(s):* GEOL 001, PHYSICI 001

*Transfers to:* Transfers to both UC/CSU

*C-ID:* GEOL 111

#### Historical Geology

GEOL 003 is an introduction to Earth's history and the life it supports with a laboratory. Subjects include geologic dating, plate tectonics, stratigraphy, fossils, biological evolution, the planet's origin and the processes that have influenced paleogeography during the past 4.6 billion years.(C-ID GEOL 111) (AA/AS, CSU, UC)

### **GEOL 010                      Geology Field Course General** **(1)**

*Class Hours:* 48 Laboratory

*Transfers to:* Transfers to CSU only

P/NP

#### Geology Field Course General

Geology 010 is one in a series of week-long field trips to areas of geological interest, including but not limited to Death Valley, Grand Canyon and Yosemite National Park. Emphasis is on the geologic aspects of the natural earth around us and how an understanding of geologic principles is obtained.(AA/AS,CSU)

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