

# GEOLOGY (G)

---

**G 140: Geologic Disasters (3)**

As Will Durant observed, "Civilization exists by geological consent, subject to change without notice." This course will investigate large natural events that impact society on a yearly basis, events such as earthquakes, tsunamis, volcanoes, landslides, sinkholes and floods. This course will investigate both the geologic principles as well as the societal impacts of these events. Emphasis will be given to destructive solid-earth phenomena. 3 lecture hrs/wk

**Terms Typically Offered:** Winter

**G 180: Regional Field Geology (4)**

This course is a field study of geology features and history in a selected region. Consists of on-campus meetings and a multi-day field trip to illustrate the geologic setting, stratigraphy, structure, topography, age, origin, specific events through geologic time, and features unique to the region. 3 lecture, 3 lab hrs/wk

**Terms Typically Offered:** Spring

**G 201: General Geology I (4)**

An introduction to the study of the earth, physical processes affecting the earth, and events of earth history that have shaped it. Earth materials, rocks and minerals, volcanism, geophysics and seismology, plate tectonics. May be taken in any sequence. 3 lecture, 3 lab hrs/wk

**Terms Typically Offered:** Fall

**G 202: General Geology II (4)**

An introduction to the study of the earth, physical processes affecting the earth, and events of earth history that have shaped it. G202: Surficial processes, weathering, mass wasting, erosion. Landforms of deserts, coasts, rivers, glaciers. Environmental topics; mining, climate change, fossil fuels, ground and surface water use, and waste disposal. 3 lecture, 3 lab hrs/wk

**Terms Typically Offered:** Winter

**G 203: General Geology III (4)**

An introduction to the study of the earth, physical processes affecting the earth, and events of earth history that have shaped it. G203: History of the earth and the fossil record as recorded in the sedimentary sequence. MTH 060 recommended. Optional field excursions to areas of geologic interest. 3 lecture, 3 lab hrs/wk

**Terms Typically Offered:** Spring

**G 221: Environmental Geology (4)**

This course will emphasize the occurrence and distribution of geologic hazards, such as earthquakes, volcanoes, flooding, and slope failure and geologic resources, such as water, air, minerals and energy. The interactions between humans and the geologic environment, including mitigation strategies, will also be covered. 3 lecture, 3 lab hrs/wk

**Terms Typically Offered:** Fall

**G 280: CWE-Geology (12)**