

# COURSES

## GEOLOGY

### GEOL 1401 EARTH SCIENCE OF NON-SCIENCE MAJORS I

3 lec/3 lab (4 Cr.) Introduction to the study of the materials and processes that have modified and shaped the surface and interior of Earth over time. These processes are described by theories based on experimental data and geologic data gathered from field observations.

Credits

4

Distribution

GEOL

Course Fee

Lab fee: \$22; Internet fee (if applicable): \$43

### GEOL 1402 EARTH SCIENCE OF NON-SCIENCE MAJORS II

3 lec/3 lab (4 Cr.) Extension of the study of geology, astronomy, meteorology and oceanography, focusing on natural resources, hazards and climate variability. This laboratory-based course accompanies GEOL 1302, Earth Sciences II. Activities will focus on methods used to collect and analyze data related to natural resources, hazards and climate variability. Prerequisites: GEOL 1401 Earth Science I, or GEOL 1303 or 1403 Physical Geology

Credits

4

Distribution

GEOL

Course Fee

Lab fee: \$22; Internet fee (if applicable): \$43

### GEOL 1403 PHYSICAL GEOLOGY

3 lec/3 lab (4 Cr.) Introduction to the study of the materials and processes that have modified and shaped the surface and interior of Earth over time. These processes are described by theories based on experimental data and geologic data gathered from field observations. Laboratory activities will cover methods used to collect and analyze earth science data.

Credits

4

Distribution

GEOL

Course Fee

Lab fee: \$22; Internet fee (if applicable): \$43

### GEOL 1405 ENVIRONMENTAL SCIENCE

3 lec/3 lab (4 Cr.) A survey of the forces, including humans, that shape our physical and biologic environment, and how they affect life on Earth. Introduction to the science and policy of global and regional environmental issues, including pollution, climate change, and sustainability of land, water, and energy resources. Activities will cover methods used to collect and analyze environmental data. (Cross-listed with ENVR 1301)

Credits

4

Distribution

GEOL

Course Fee

Lab fee: \$22; Internet fee (if applicable): \$43