

COURSES

PDF GEOLOGY

GEOL100 Earthquakes, Volcanoes, and Natural Disasters 3 Credits

Investigates geology of the dynamic earth with a focus on geologic hazards. Includes at least four laboratory experiences.

GEOL101 Exploring Planet Earth 4 Credits

Prerequisites: MATH120, MATH126 or higher or consent of instructor 3 hours lecture and 3 hours lab. Investigates the fundamental principles of physical geology, including plate tectonics, earth materials, geologic time, topographic maps and geologic structures.

GEOL102 Earth and Life Through Time 4 Credits

Prerequisites: GEOL101 3 hours lecture and 3 hours lab. Studies the history of the earth and the origins of its landforms, including dating, evolution of organisms, times of extinction, mountain building episodes, and periods of glaciation.

GEOL105 Introduction to Geology of National Parks 3 Credits

Studies geologic processes through the lens of the national park system. Concepts of geologic time, plate tectonics, and the rock cycle will be explored by studying national parks and monuments that highlight geologic examples of the material presented.

GEOL111 Geology of Death Valley National Park 1 Credit

Provides a general field experience in geology for students with little or no earth science background. Teaches the basics of rock and landform identification, and the recognition of modern and ancient geologic events through field study of Death Valley National Park.

GEOL112 Geology of Eastern Sierra Nevada 1 Credit

Provides a general field experience in geology for students with little or no earth science background. Teaches the basics of rock and landform identification, and the recognition of modern and ancient geologic events through field study of the Eastern Sierra Nevada.

GEOL113 Geology of Lassen Volcanic National Park 1 Credit

Provides a general field experience in geology for students with little or no earth science background. Teaches the basics of volcanic rock identification, history of the Cascade Range, and the recognition of modern and ancient geologic events through field study of Lassen Volcanic National Park.

GEOL114 Geology of Lava Beds National Monument 1 Credit

Provides a general field experience in geology for students with little or no earth science background. Teaches the basics of volcanic rock and landform identification, and the recognition of modern and ancient geologic events through field study of Lava Beds National Monument.

GEOL201 Geology of Nevada 3 Credits

Prerequisites: GEOL101 or consent of instructor Studies how Nevada's geology has changed through time. Includes Nevada's fossils, rocks and minerals, earthquakes and geothermal resources. Includes at least four lab experiences.

GEOL299 Special Topics in Geology 1 Credit

Applies to assorted short courses and workshops covering a variety of subjects. May be repeated for up to six units.