

# GEOLOGY (GEOL)

---

**GEOL 100 Earth Science (4 credits)**

This introductory lab course in physical geology covers the Earth, its structure, composition, and the geologic processes acting on and within the earth. Special attention is given to the areas of meteorology, earth movements, and history.

Lab Required.

**GEOL 105 Physical Geology (4 credits)**

A study of geological processes such as erosion, volcanoes, earthquakes, mountain building, fossils, and origin of land forms.

Lab Required.

**GEOL 121 Historical Geology (3 credits)**

A study of the history of the Earth, including major geologic and biologic events.

Prerequisite/s: GEOL 105

**GEOL 133 Environmental Geology (4 credits)**

This course is an introduction to processes involved in shaping the Earth. This course will focus primarily on how human activities impact the Earth's physical environment. Specific topics include: rocks and minerals, streams and flooding, mass movement, water as a resource, soil as a resource, and pollution.

**GEOL 201 Mineralogy & Petrology (3 credits)**

This class is a study of rocks and minerals, their properties and how they relate to each other.

**GEOL 221 Sedimentology & Stratigraphy (3 credits)**

A study of sedimentary rocks, how they are formed and how to interpret them with respect to environment and geologic history of a region.

Prerequisite/s: GEOL 121, and GEOL 201