

GEOLOGY (GEOL)

GEOL 1101 Earth Sciences for Non-Science Majors I (lab) 1 Credit (0 Lec, 3 Lab)

This introductory lab course provides a survey of astronomy, geology, oceanography, and meteorology for non-science majors.

Prerequisite(s): Reading level 7, Writing level 7, Math level 6;

Co-requisite(s): GEOL 1301

Course Type: Academic

GEOL 1103 Physical Geology (lab) 1 Credit (0 Lec, 3 Lab)

This laboratory-based course accompanies GEOL 1303, Physical Geology. Laboratory activities will cover methods used to collect and analyze earth science data. Field trip(s) may be required.

Prerequisite(s): Reading level 7;

Co-requisite(s): GEOL 1303

Course Type: Academic

GEOL 1104 Historical Geology (lab) 1 Credit (0 Lec, 3 Lab)

This laboratory-based course accompanies GEOL 1304, Historical Geology. Laboratory activities will introduce methods used by scientists to interpret the history of life and major events in the physical development of Earth from rocks and fossils. Field trip(s) may be required.

Prerequisite(s): GEOL 1303 1103, Reading level 7;

Co-requisite(s): GEOL 1304

Course Type: Academic

GEOL 1301 Earth Sciences for Non-Science Majors I (lecture) 3 Credits (3 Lec, 0 Lab)

This introductory lecture course provides a survey of astronomy, geology, oceanography, and meteorology for non-science majors.

Prerequisite(s): Reading level 7, Writing level 7, Math level 6;

Co-requisite(s): GEOL 1101

Course Type: Academic

GEOL 1303 Physical Geology (lecture) 3 Credits (3 Lec, 0 Lab)

This lecture course is an 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. Field trip(s) may be required.

Prerequisite(s): Reading level 7;

Co-requisite(s): GEOL 1103

Course Type: Academic

GEOL 1304 Historical Geology (lecture) 3 Credits (3 Lec, 0 Lab)

This lecture course is a comprehensive survey of the history of life and major events in the physical development of Earth as interpreted from rocks and fossils. Field trip(s) may be required.

Prerequisite(s): GEOL 1303 1103, Reading level 7;

Co-requisite(s): GEOL 1104

Course Type: Academic

GEOL 2389 Academic Cooperative 3 Credits (1 Lec, 8 Lab)

This is an instructional program designed to integrate on-campus study with practical hands-on work experience in the physical sciences.

In conjunction with class seminars, the individual student will set specific goals and objectives in the scientific study of inanimate objects, processes of matter and energy, and associated phenomena.

Prerequisite(s): Eight hours of geology; Reading level 7, Writing level 7, Math level 8

Course Type: Academic