GEOLOGY (GEOL/GEOL&)

Intro to Geology II Lab
GEOL 102 5 Credits/Units
3.0 hours of lecture / 4.0 hours of lab
Plate tectonics and the origin of ocean basins and continents. Mass wasting, glaciation, streams, groundwater, deserts, shorelines and deep sea sediments. One day field trip required. [GE, NS, NS-LAB, SE]

Northwest Geology
GEOL 109 5 Credits/Units
5.0 hours of lecture
Geologic evolution of the Pacific Northwest emphasizing the development of the Cascades, Columbia River Plateau, Coast Ranges, Puget-Willamette Lowlands, San Juan Islands, High Lava Plains and the Okanogan Highlands. Field trips required. This class is a non-lab science. [GE, NS, SE]

Cooperative Work Experience
GEOL 199 1-3 Credits/Units
9.0 hours of clinical
Supervised work experience in an approved job. Completion of specific learning objectives and employer evaluation. [GE]

Field Studies In Geology
GEOL 218 1-6 Credits/Units
2.0 hours of lecture / 8.0 hours of lab
Prerequisite: 10 units in Geology (GEOL, GEOL&) grades of "C" or higher
Field trip program to study the geologic evolution of an area. Emphasis on interpretation of rocks and their structure. Duration, scope and field trip localities will vary. Food and personal gear provided by student. Maxi-vans provided for travel. Day hikes may be required. [GE, NS, NS-LAB, SE]

Special Projects
GEOL 290 1-5 Credits/Units
5.0 hours of lecture
Opportunity to plan, organize and complete special projects approved by the department. [GE]

Introduction to Physical Geology
GEOL& 101 5 Credits/Units
3.0 hours of lecture / 4.0 hours of lab
A dynamic earth, geologic time, origin and identification of minerals and rocks. Volcanoes, earthquakes and the structure of earth in light of plate tectonic theory. One day field trip required. [GE, NS, NS-LAB, SE]

Historical Geology: The Earth Through Time
GEOL& 103 5 Credits/Units
3.0 hours of lecture / 4.0 hours of lab
Physical, chemical, and biologic evolution of the earth as determined from the rock record. Interpretation of ancient environments through stratigraphy and biostratigraphy. Plate tectonics, earth history, and fossil identification. Field trips required. [GE, NS, NS-LAB, SE]