GEOLOGY (G)

G-101 General Geology
4 credits, Fall
For non-science majors. A lab course introducing geologic principles and concepts; Earth structure, igneous, sedimentary, and metamorphic rock environments, volcanic activity, and landforms. Lab requires students to identify ore minerals, rock forming minerals, igneous, metamorphic and sedimentary rocks.
Recommended Prerequisites: WRD-090 or placement in WRD-098
Corequisites: G-101L

G-102 General Geology
4 credits, Winter
For non-science majors. An introductory lab course that explores the Earth's systems and surface features. Systems/processes/hazards explored include rivers, mass wasting, glaciers, groundwater, and deserts. Labs focus on geologic and topographic maps and how they are used to understand geologic features and local geology.
Recommended Prerequisites: WRD-090 or placement in WRD-098
Corequisites: G-102L

G-103 General Geology
4 credits, Spring
For non-science majors. A lab course that examines the geological development of the North American continent through topics such as geologic time, plate tectonics, mountain building earthquakes/faults, and fossils. Examines important events in each geologic era and includes fossil ID, compass use, field techniques and GPS.
Recommended Prerequisites: WRD-090 or placement in WRD-098
Corequisites: G-103L

G-145 Geology of the Pacific Northwest
4 credits, Not Offered Every Year
An introductory lab course that explores the geology and historic development of Northwest with an emphasis on Oregon geology. Each of Oregon's geologic regions is examined by using basic geologic principles, rock types, hazards and the Northwest's tectonic history.
Corequisites: G-145L

G-148 Volcanoes & Earthquakes
4 credits, Not Offered Every Year
A lab course that examines the geological processes that create volcanoes and earthquakes and the hazards associated with them. Examines basic geologic features, monitoring techniques, hazards, prediction methods, and future events, using historic episodes of volcanic eruptions and earthquakes.
Required: Two Saturday field trips
Corequisites: G-148L

G-201 General Geology
4 credits, Fall
For science majors. A lab course introducing geologic principles and concepts; weathering, soils, Earth structure, igneous, sedimentary, metamorphic rocks, volcanic activity, and landforms. Lab requires students to identify ore minerals, rock forming minerals, igneous, metamorphic and sedimentary rocks.
Prerequisites: WRD-090 or placement in WRD-098
Corequisites: G-201L

G-202 General Geology
4 credits, Winter
For science majors. A lab course that explores surface features of the Earth and the systems that form those features. Systems/processes/hazards explored include rivers, mass wasting, glaciers, groundwater and deserts. Topographic/geologic maps are used to understand geologic features and local geology.
Prerequisites: G-201 with a C or better
Corequisites: G-202L

G-203 General Geology
4 credits, Spring
For science majors. A lab course that examines the geological development of the North American continent through topics such as geologic time, plate tectonics, mountain building earthquakes/faults, and fossils. Examines important events in each geologic era and includes fossil ID, compass use, field techniques and GPS.
Prerequisites: G-202 with a C or better
Recommended Prerequisites: MTH-065 or placement in MTH-080 or MTH-095
Corequisites: G-203L