

GENERAL SCIENCE (GS)

GS-104 Earth System Science

4 credits, Fall

A lab course designed to give an overview of the physical sciences by examining the relationship between physics, chemistry and geology in the natural world. Topics include plate tectonics, the Earth's structure, earthquakes/hazards, mineral chemistry, igneous rocks, and volcanoes/hazards.

Recommended Prerequisites: MTH-065 or placement in MTH-095

Corequisites: GS-104L

GS-105 Earth System Science

4 credits, Winter

A lab course examining the chemistry and geology of scientific dating techniques, sedimentary rocks, surface processes, fossils, energy resources and the physics and chemistry of energy resources and mass wasting.

Recommended Prerequisites: MTH-065 or placement in MTH-095

Corequisites: GS-105L

GS-106 Earth System Science

4 credits, Spring

A lab course examining the relationship between chemistry/physics/geology with regards to the hydrosphere and atmosphere. Topics include atmospheric processes, rivers and ground water, beach/ocean processes and climate change.

Recommended Prerequisites: MTH-065 or placement in MTH-095

Corequisites: GS-106L

GS-107 Astronomy

4 credits, Fall/Winter/Spring

A lab course including the history of astronomy, the Earth and moon, all planets in our solar system, along with asteroids, meteors and comets.

Prerequisites: MTH-065 or MTH-098 with a C or better or placement in MTH-095

Prerequisites: WRD-090 or placement in WRD-098

Corequisites: GS-107L