

GENERAL SCIENCE (GS)

GS 104: Physical Science (4)

Elementary concepts of physics including motion, forces, energy and momentum, and thermodynamics. Should not be taken for credit if student has completed six or more hours of college-level courses in physics. 3 lecture, 3 lab hrs/wk

Registration-Enforced Prerequisite: MTH 060.

Terms Typically Offered: Fall

GS 105: Physical Science (4)

Elementary concepts of chemistry including atomic structure, bonding, states of matter, solutions, chemical reactions and nuclear and organic chemistry. Should not be taken for credit if student has completed six or more hours of college-level courses in chemistry. 3 lecture, 3 lab hrs/wk

Registration-Enforced Prerequisite: MTH 060.

Terms Typically Offered: Fall, Winter, Spring

GS 106: Physical Science (4)

Elementary concepts of earth science including rock and mineral formation, plate tectonics, earthquakes, volcanoes and other surface processes. Should not be taken for credit if student has completed six or more hours of college level courses in geology. 3 lecture, 3 lab hrs/wk

Registration-Enforced Prerequisite: MTH 060.

Terms Typically Offered: Fall, Winter, Spring, Summer

GS 107: Beginning Astronomy (4)

Introductory course in Astronomy for non-science majors featuring the scientific method; study of planetary and lunar motion including phases of the moon and eclipses; the sun, moon, planets, asteroids, comets, and meteors. Students will learn about the night sky and constellations; formation and destruction of stars; our galaxy and other galaxies; and cosmology. Lab required with either at home night sky observing or optional on-campus observing. Required use of campus observatory either online or on-site for lab projects. Class is completely online with optional and highly recommended use of campus observatory. 3 lecture, 3 lab hrs/wk

Terms Typically Offered: Summer

GS 112: Making Sense of Science (4)

A course for non-science majors on the processes and methods of scientific inquiry and how scientific knowledge is perceived differently from other types of knowledge. Students will develop skills to analyze and evaluate societal issues that involve scientific knowledge. Laboratory work, student collaboration and peer review are designed to simulate the processes involved in scientific inquiry within a scientific community. 3 lecture, 3 lab hrs/wk

Terms Typically Offered: Spring