

GENERAL SCIENCE (GS)

GS104 Physical Science 4 credits (3 lec, 3 lab hrs/wk)

Prerequisite(s): (MTH60)

This course provides an overview of the essential ideas in physics with an emphasis on the laws of motion, work, energy, heat and temperature.

This course may be taken 1 time for credit.

Course classification: LDC

GS105 Physical Science 4 credits (3 lec, 3 lab hrs/wk)

Prerequisite(s): (MTH60)

This course is an introduction to chemistry for non-science majors.

The course material covers atomic structure and theory, compounds, chemical bonds, states of matter, solution chemistry, chemical reactions and selected topics in organic and biochemistry.

This course may be taken 1 time for credit.

Course classification: LDC

GS106 Introduction to Earth Science 4 credits (3 lec, 3 lab hrs/wk)

Introduces various branches of earth science. Includes basic terminology, fundamental processes and respective interrelationships. Discusses rock and mineral formation, plate tectonic theory, volcanism, earthquakes, surficial processes, and geologic time. Includes laboratory component.

Credit cannot be earned for this course and G221.

This course may be taken 1 time for credit.

Course classification: LDC

GS107 Astronomy 4 credits (3 lec, 3 lab hrs/wk)

Prerequisite(s): (MTH60)

A descriptive treatment of the solar system, stars, stellar evolution, galaxies and cosmology. The results of current space missions are emphasized. Recent discoveries in stellar astronomy will be discussed.

This course may be taken 1 time for credit.

Course classification: LDC

GS108 Oceanography 4 credits (3 lec, 3 lab hrs/wk)

Prerequisite(s): (MTH60) or (MTH60 and WR90) or (WR90)

Studies the ocean and its phenomena. Discusses the chemical, biological, geological, and physical nature of the oceans, the ocean floor and shorelines. The course also includes sedimentation, volcanism, plate tectonics, and other geological aspects of the oceans.

This course may be taken 1 time for credit.

Course classification: LDC

GS180 Internship: General Science 1-12 credits (3 lab hrs/wk/cr)

Practical worksite exposure to applied science, which provides students an opportunity to explore potential career paths in science while gaining practical experience in applying classroom science theory.

This course may be taken 12 times for credit.

Course classification: LDC

GS280 CWE: General Science 1-12 credits (3 lab hrs/wk/cr)

Prerequisite(s): Instructor consent

Practical worksite exposure to applied science, which provides students an opportunity to explore potential career paths in science while gaining practical experience in applying classroom science theory.

This course may be taken 12 times for credit.

Course classification: LDC