

GENERAL SCIENCE (GS)

GS 104 Physical Science: Physics (4 Credits)

Recommended preparation: one year of high school algebra or equivalent or concurrent enrollment in MTH 060.

Energy is used as the theme to develop basic understanding of introductory principles of physics. Energy topics include mechanical, acoustic, heat, electric, radiant and nuclear. Emphasis placed on practical application of various energy forms.

GS 105 Physical Science: Chemistry (4 Credits)

Recommended preparation: one year of high school algebra or equivalent or concurrent enrollment in MTH 060.

Provides an introduction to properties and structures of matter, chemical bonding, solutions, equilibrium, electrolytes, and acids and bases. Includes quantitative discussions of the mole, stoichiometry, and solution concentration.

GS 106 Physical Science: Geology (4 Credits)

Recommended preparation: MTH 060 or minimum placement Math Level 10.

Introduces students to the study of the ever-changing Earth, with a focus on hands-on exploration. Designed for students with limited geology background. Field trips will occasionally substitute for labs.

GS 107 Physical Science: Astronomy (4 Credits)

Recommended preparation: one year of high school algebra or equivalent or concurrent enrollment in MTH 060.

Introduces astronomy, including the Solar System, stellar systems, and cosmology. Some individual observing may be required.

GS 199 Selected Topics: General Science (1-6 Credits)

This course is in development.