

## General Science

- GSCI 104 4 Credits  
PHYSICAL SCIENCE PHYSICS  
Quarters: Fall, Winter, Spring  
Surveys the general principles of physics. May include mechanics, electricity, heat, light, and nuclear physics. Intended for non-science majors. Lab required.
- GSCI 105 4 Credits  
PHYSICAL SCIENCE CHEMISTRY  
Quarters: Offered as needed  
Surveys the fundamentals of inorganic chemistry, including the importance of chemistry in our modern society. Provides practical experience in measurement, density, structure of atom, nuclear chemistry, energy and environmental issues. Intended for non-science majors. Lab required.
- GSCI 106 4 Credits  
PHYSICAL SCIENCE GEOLOGY  
Quarters: Fall, Winter  
Introduces minerals and rocks, and a survey of the principles of geology, erosion, plate tectonics and the structure of the earth. Intended for non-science majors. Lab and/or field trip required.
- GSCI 107 4 Credits  
PHYSICAL SCIENCE ASTRONOMY  
Quarters: Offered as needed  
Includes solar and galactic astronomy, a study of the sun, planets, stars and galaxies, and modern discoveries in the field of astronomy. Intended for non-science majors. Lab required.
- GSCI 108 4 Credits  
PHYSICAL SCIENCE OCEANOGRAPHY  
Quarters: Offered as needed  
Introduces the physical, chemical, geological, and biological processes which occur in the oceans. Intended for non-science majors. Lab and/or field trip required.
- GSCI 109 4 Credits  
PHYSICAL SCIENCE METEOROLOGY  
Quarters: Fall, Spring  
Introduces the composition and structure of our atmosphere. Provides the factors and concepts that control weather and the production of wind, precipitation, clouds, storms, and climate change. Intended for non-science majors. Lab required.
- GSCI 110 4 Credits  
PHYSICAL SCIENCE ENERGY  
Quarters: Offered as needed  
Surveys the various energy sources used in our society, including fossil fuels, nuclear power, and renewable energy sources. Addresses environmental and societal issues, energy conservation & efficiency, transportation, pollution, climate science and global effects. Intended for non-science majors. Lab required.
- GSCI 161 (P/T) 3 Credits  
MEDICAL TERMINOLOGY I  
Quarters: Summer, Fall, Winter, Spring  
Examines the pronunciation, spelling, origin, meaning, and usage of scientific terms employed by health care professionals. Emphasizes human anatomical terminology. Intended for students preparing for careers in the health professions. Some sections may have a low-cost or no-cost text book option.
- GSCI 162 3 Credits  
MEDICAL TERMINOLOGY II  
Quarters: Summer, Winter, Spring  
Presents advanced vocabulary, extending and reinforcing those terms acquired in Medical Terminology I. Some sections may have a low-cost or no-cost text book option. Prerequisites: GSCI 161 or instructor permission.

## Geography

- GEOG 101 4 Credits  
PHYSICAL GEOGRAPHY  
Quarters: Offered as needed  
Provides an overview of physical geography, including foundations of geography; solar energy, seasons, and the atmosphere; energy and global temperatures; atmospheric and oceanic circulation; and water and weather.

GEOG 105 3 Credits

INTRO TO CULTURAL GEOGRAPHY

Quarters: Fall, Spring

Studies the patterns of diversity and unity among the world's cultural groups. Examines the spatial interaction of society and how factors such as climate influence cultures by focusing on analysis of settlement, economics, politics, religion, language and other cultural phenomena. Includes globalization and the effects upon culture.

GEOG 265 (P/T) 4 Credits

GEOGRAPHIC INFO SYSTEMS (GIS) I

Quarters: Winter, Spring

Introduces Geographic Information Systems (GIS) using ArcView desktop mapping software. Emphasizes the management of graphic and textual information within a single system. Uses ArcView's basic tools and object-oriented data structure to create charts, graphs, reports and layouts.

## Geology

GEOL 148 4 Credits

VIOLENT EARTH

Quarters: Fall, Winter, Spring

Covers basics of geoscience, with a focus on historical geology and catastrophic events, including: formation of the moon, volcanoes, earthquakes, mega-floods, mass extinctions, asteroid impacts, and life itself. Course is intended for non-science majors.