

# GENERAL SCIENCE

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Cascade Campus  
Jackson Hall (JH), Room 210  
971-722-5209

Rock Creek Campus  
Building 7, Room 202  
971-722-7500

Southeast Campus  
Student Commons (SCOM), Room 214  
971-722-6146

Sylvania Campus  
Science Technology Building (ST), Room 312  
971-722-4174

[pcc.edu/programs/general-science](http://pcc.edu/programs/general-science)

## DESCRIPTION

General science courses introduce students to their physical environment and its scientific exploration; specific topics examined in these courses include geology, astronomy, oceanography and meteorology. These courses are designed to: provide an interdisciplinary overview, introduce fundamental scientific concepts, demonstrate scientific inquiry, illustrate how hazards and resources related to these topics impact society, and increase the student's appreciation of their world. These courses are appropriate for students with a limited science and math background. Work in the general sciences is an important part of many college programs.

All general science courses include a lab component and are on the PCC General Education course list. General science courses can be taken individually or in any sequence.

### **GS 106. Physical Science (Geology). 4 Credits.**

Covers minerals, rocks, volcanism, earthquakes, plate tectonics, erosion and deposition by wind, glaciers and streams, weathering, fossils and geologic history. Includes weekly lab. Prerequisite: (WR 115 and RD 115) or IRW 115 and MTH 65 or equivalent placement. Audit available. This course fulfills the following GE requirements: Science, Math, Computer Science/AAOT, Science, Math, Computer Science/AS, Science, Math, Computer Science/AAS, Science, Math, Computer Science/AGS, Science, Math, Computer Science/ASOT-B.

### **GS 107. Physical Science (Astronomy). 4 Credits.**

Surveys astronomy to include historical development of the universe, Earth as a planet, Earth's moon, planets of the solar system, the sun, stars and galaxies. Includes weekly lab. Prerequisite: (WR 115 and RD 115) or IRW 115 and MTH 65 or equivalent placement. Audit available. This course fulfills the following GE requirements: Science, Math, Computer Science/AAOT, Science, Math, Computer Science/AS, Science, Math, Computer Science/AAS, Science, Math, Computer Science/AGS, Science, Math, Computer Science/ASOT-B.

### **GS 108. Physical Science (Oceanography). 4 Credits.**

Includes the chemical, biological, physical and geological nature of the oceans. Includes weekly lab. Prerequisite: (WR 115 and RD 115) or IRW 115 and MTH 65 or equivalent placement. Audit available. This course fulfills the following GE requirements: Science, Math, Computer Science/AAOT, Science, Math, Computer Science/AS, Science, Math, Computer Science/AAS, Science, Math, Computer Science/AGS, Science, Math, Computer Science/ASOT-B.

### **GS 109. Physical Science (Meteorology). 4 Credits.**

Covers characteristics of our atmosphere, air pressure and winds, atmospheric moisture, large air masses, violent storms, the effect of oceans on weather, and climates. Includes weekly lab. Prerequisite: (WR 115 and RD 115) or IRW 115 and MTH 65 or equivalent placement. Audit available. This course fulfills the following GE requirements: Science, Math, Computer Science/AAOT, Science, Math, Computer Science/AS, Science, Math, Computer Science/AAS, Science, Math, Computer Science/AGS, Science, Math, Computer Science/ASOT-B.