

Physical Sciences

PHSC 111 Matter, Energy and Molecules

4.0 units

Acceptable for credit: Transfer CSU

C-ID Course Number: CHEM 140

Advisories: ENGL 514 - Writing Skills 4 or eligibility for ENGL 101

Prerequisite: MATH 311 - Algebra 1

Introduction to the basic principles of physical science and applications of these principles in everyday life. Topics include, but are not limited to, the following: scientific method, measurements, force and motion, work and energy, heat, waves, fluids, electricity, atomic physics, matter, compounds, molecules, chemical reactions, and ions. (Letter Grade or Pass/No Pass)

PHSC 112 Earth and the Universe

4.0 units

Acceptable for credit: *Transfer to CSU, limited to UC/see counselor

C-ID Course Number: GEOL 121

Advisories: Eligibility for MATH 311 and ENGL 101

Introduction to the basic principles of astronomy and earth sciences and applications of these principles to everyday life. Topics include the solar system, stars, galaxies, and cosmology, structure and formation of the earth, earth quakes, volcanoes, plate tectonics, the atmosphere, the ocean, and weather. (Letter Grade or Pass/No Pass)

PHSC 199A Colorado Plateau

3.0 units

Acceptable for credit: D - Credit - Degree Applicable

Advisories: Concurrent enrollment in college-level life or physical science course.

Limitations on Enrollment: Completion of course application and procedures for enrollment.

Intensive field study experience in introducing students to the Earth, Physical, and Space Sciences of the Colorado Plateau Physiographic Region. (Pass/No Pass)