

PHYSICAL SCIENCE

Bachelor of Arts degree with a major in Physical Science

Department Chair

Monty Mola, Ph.D.

Department of Physics and Astronomy

Science Complex A 470

707-826-3277

humboldt.edu/physics

The Program

The physical science degree is less specialized than the physics major, and therefore more adaptable to studies in various fields, including preparation for teaching at the middle or secondary school level.

REQUIREMENTS FOR THE MAJOR (Physical Science BA)

For a description of degree requirements to be fulfilled in addition to those listed below for the major, please see "The Bachelor's Degree" section of the catalog, pp. 67-82.

Special Grade Requirement

A minimum grade of C- is required for all courses with the "PHYX" prefix for the physical science major.

Unit Requirements

Total units in the major: 57

Total units required for the degree: 120

Lower Division (37 units)

CHEM 109 (5) General Chemistry I
CHEM 110 (5) General Chemistry II
MATH 109 (4) Calculus I
MATH 110 (4) Calculus II
MATH 210 (4) Calculus III
MATH 241 (3) Elements of Linear Algebra
PHYX 109 (4) General Physics A:
Mechanics
PHYX 210 (4) General Physics B:
Thermodynamics, Waves
& Optics
PHYX 211 (4) General Physics C:
Electricity & Magnetism

Upper Division (20 units)

PHYX 315 (3) Intro to Electronics &
Electronic Instrumentation
PHYX 320 (3) Modern Physics
PHYX 340 (2) Mathematical &
Computational Methods

Upper Division Electives

Complete 12 units of approved upper division courses within the physical sciences, (chemistry, geology, oceanography, physics), mathematics, or engineering.

