The AA Degree in General Studies with Emphasis in Natural Science outlines a course of study that emphasizes breadth in the physical and life sciences. Students will learn to apply scientific methods to investigate both physical and biological aspects of the environment. Students completing this program will satisfy lower division science and general education requirements for CSU. Students must complete each required area of emphasis course with a grade of “C” or better.

Program Learning Outcomes:

- Apply scientific method to solve practical problems in the sciences.
- Collect, analyze, and interpret scientific data.
- Properly and safely use common scientific laboratory and field equipment.
- Relate fundamental concepts and properties of matter and energy to biological and physical processes.

**Area of Emphasis Requirements:**

Select a minimum of 10 units Life Science from the following courses:

- BIOL 021 General Biology
- BIOL 025 Forensic Biology
- BIOL 062 Plants and Human Welfare
- BIOL 063 Ecology
- BIOL 064 Marine Biology
- BIOL 065 Wildlife Biology
- BIOL 080 Natural History Field Program
- BIOL 080A Field Biology-Zion National Park
- ENVIR 010* Environmental Science

Select a minimum of 8 units from the following Physical Science courses:

- ASTRO 010 Introduction to Astronomy
- ASTRO 010L Introductory Astronomy Lab
- CHEM 015 Fundamentals of Chemistry
- ENVIR 010* Environmental Science
- OCEAN 010 Descriptive Oceanography
- PHYS 002A General Physics

*NOTE: ENVIR-010 can satisfy either Life Science OR Physical Science Requirement

A breakdown of course requirements:

- Area of Emphasis Requirements: 10.0
- General Education Requirements: 39.0
- Electives (AA applicable courses): 2.0
- Physical Activity: 1.0
- **Total units** 60.0