**College of the Siskiyous**  
**ASSOCIATE DEGREE MAJOR**

**Liberal Arts and Sciences Major**  
*Natural Science Area of Emphasis*

The Natural Science Area of Emphasis is an interdisciplinary option for students who desire a broad study in the natural science disciplines that include Anthropology, Astronomy, Biology, Chemistry, Geology, Mathematics, Physical Science, and Physics. The Natural Science Area of Emphasis may also help you prepare to transfer to a university. Courses completed to satisfy the Area of Emphasis requirements below may also count toward satisfying College of the Siskiyous and university transfer general education requirements. Consult with your advisor or counselor to develop an education plan that is appropriate for your academic goals.

**Area of Emphasis Requirements**
1. Complete a minimum of 18 semester units from the courses below.
2. Courses must be from at least three disciplines.

### Anthropology
- ANTH 1020 Biological Anthropology (4)

### Geology
- GEOL 1110 Environmental Geology (3)
- GEOL 1120 Geology of the National Parks (3)
- GEOL 1130 Geology of California (3)
- GEOL 1140 Oceanography (3)
- GEOL 1210 Physical Geology/Lab (4)
- GEOL 1220 Historical Geology/Lab (4)

### Astronomy
- ASTR 1110 Astronomy (3)
- GEOL 1220 Historical Geology/Lab (4)

### Biology
- BIO 1000 Introduction to Life Sciences (4)
- BIO 1400 Environmental Principles (3)
- BIO 1500 Human Biology (3)
- BIO 1600 Field Natural History (3)
- BIO 1700 Field Botany (3)
- BIO 2100 General Biology I (5)
- BIO 2200 General Biology II (5)
- BIO 2600 Microbiology (4)
- BIO 2700 Human Anatomy (4)
- BIO 2800 Human Physiology (5)

### Mathematics
- MATH 1010 Finite Mathematics (3)
- MATH 1050 Elementary Statistics (5)
- MATH 1100 College Algebra (4)
- MATH 1200 Pre-Calculus (5)
- MATH 1400 Calculus & Analytic Geometry I (5)
- MATH 1500 Calculus & Analytic Geometry II (5)
- MATH 2400 Calculus & Analytic Geometry III (5)
- MATH 2500 Ordinary Differential Equations (3)
- MATH 2600 Introduction to Linear Algebra (3)

### Chemistry
- CHEM 1000 Introduction to Chemistry (5)
- CHEM 1100 Intro to Organic & Biochemistry (5)
- CHEM 2000 General Chemistry I (5)
- CHEM 2100 General Chemistry II (5)

### Physics
- PHYS 1001 Physics by Exploration (3)
- PHYS 1010 Conceptual Physics (3)
- PHYS 1105 General Physics I (4)
- PHYS 1110 General Physics II (4)
- PHYS 2105 Mech. Physics, Oscil. & Waves (4)
- PHYS 2110 Electrical Physics, Light (4)
- PHYS 2115 Heat, Modern, & Quantum Physics (4)

### Environmental Science
- ENVS 1002 Environmental Science (4)

### Geography
- GEOG 1110 Physical Geography (3)

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*A grade of C or better is required for all major courses.*