

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)

Astronomy

_____ ASTR 1110 Astronomy (3)

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)

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)

Environmental Science

_____ ENVS 1002 Environmental Science (4)

Geography

_____ GEOG 1110 Physical Geography (3)

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)

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)

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)

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