

College of the Siskiyou
ASSOCIATE DEGREE MAJOR

PHYSICS

A branch of the physical sciences, physics is the study of energy, space, matter, the interactions between matter and the laws which govern these interactions. Physicists consider themselves the most fundamental of scientists, for they are the ones who examine the basic laws of nature. They seek to study and understand what happens when atoms and subatomic particles break down and assemble, how they react to collisions with each other and to electro-magnetic radiation. Physicists use mathematics to understand, explain and predict their theories and equations. They often apply their predictions and theories to other fields - chemistry, biology, geophysics, engineering, communication, transportation, electronics and health. This curriculum may also academically prepare the student to transfer to a 4-year university to complete a Baccalaureate degree program. Please check with a counselor for specific transfer requirements.

___CHEM 2000 - General Chemistry I.....	5
___CHEM 2100 - General Chemistry II.....	5
___MATH 1400 - Calculus and Analytic Geometry I.....	4
___MATH 1500 - Calculus and Analytic Geometry II.....	4
___PHYS 2105 - Mechanical Physics, Oscillations and Waves.....	4
___PHYS 2110 - Electrical Physics, Light.....	4
___PHYS 2115 - Heat, Modern, and Quantum Phys.....	4
Total Units -----	32

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

Updated: 02/22/12