

College of the Siskiyous
ASSOCIATE DEGREE MAJOR

MATHEMATICS

The role of mathematics is vital and growing, providing solutions to problems in a wide range of sciences: social, biological, physical, behavioral, and management. As a tool, mathematics is necessary for understanding and expressing ideas in science, engineering and human affairs. Mathematics is integrally related to computer science and statistics, which have proven invaluable to advancing research and modern industrial technology. The Mathematics curriculum academically prepares the student to transfer to a 4-year university to complete a Baccalaureate degree in a related discipline. Please check with a counselor for specific transfer requirements.

_____ 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
_____ Complete one of the following classes:	
_____ CSCI 1007 - Programming I.....	3
_____ MATH 1010 - Finite Mathematics.....	3
_____ MATH 1050 - Elementary Statistics.....	5
_____ PHYS 2105 - Mechanical Physics, Oscillations, and Waves.....	4
Total Units -----	24-26

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

Updated: 05/23/12